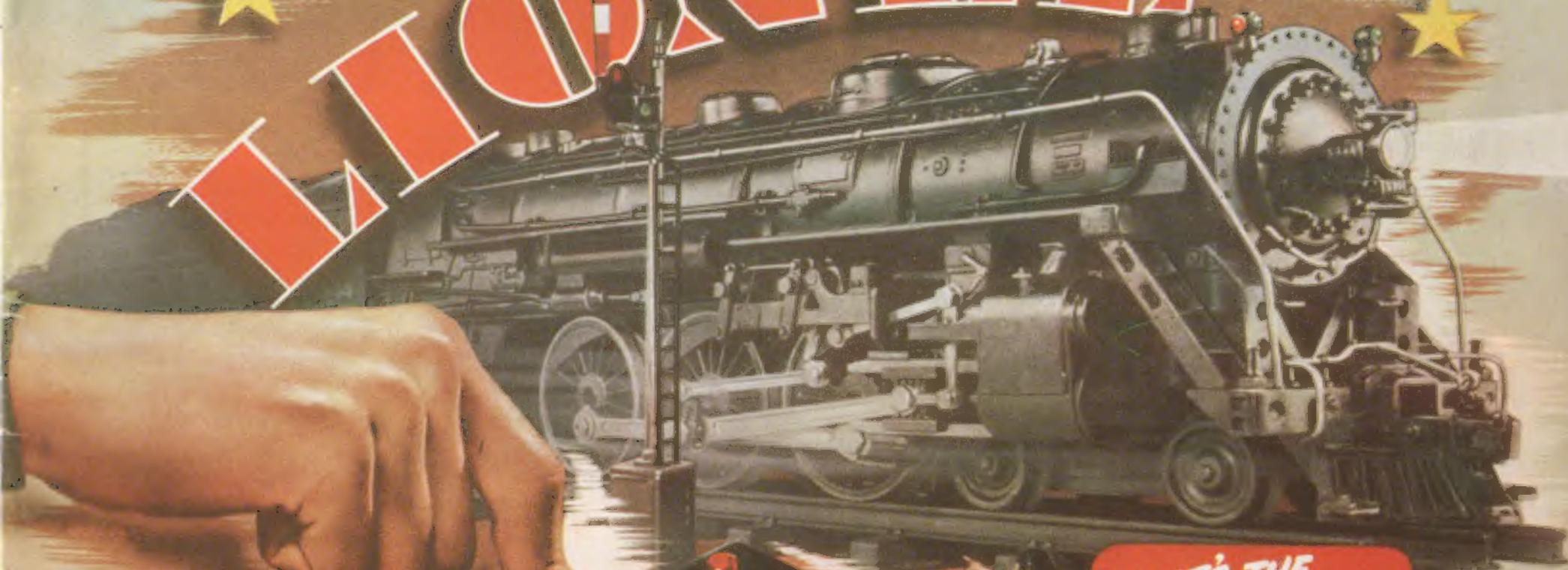


**FINISHED**



**THAT'S THE  
SCALE MODEL  
FOR US, SON!**

**1940**



# Greatest Hobby on Earth

For all boys  
of all ages

Trains. For now, in 1940, Lionel brings to you all the equipment required for creating a railroad system that is *complete from start to finish*. Think what that means—you, at your remote controls, the absolute master of a world in miniature! You make your engines whistle real railroad signals. You raise and lower bridges.

Railroading! The dreams of excitement, action and high adventure, inspired by that one word, are yours to achieve with Lionel

Couple and uncouple cars. Pick up and deliver freight. Switch trains from track to track. Start, stop and reverse them. Duplicate *everything* in the realm of real railroading—and do it all by electric, remote control.

Your railroad system will be your own private enterprise. *That's the biggest thrill of it all!* You will plan the track layout to provide real railroading activity. You will locate the signals, crossings and stations. Ballast the roadbed. Install the wiring. Then, when the whole job is done, it will be your own proud possession to exhibit to all your friends. Yours to enjoy!

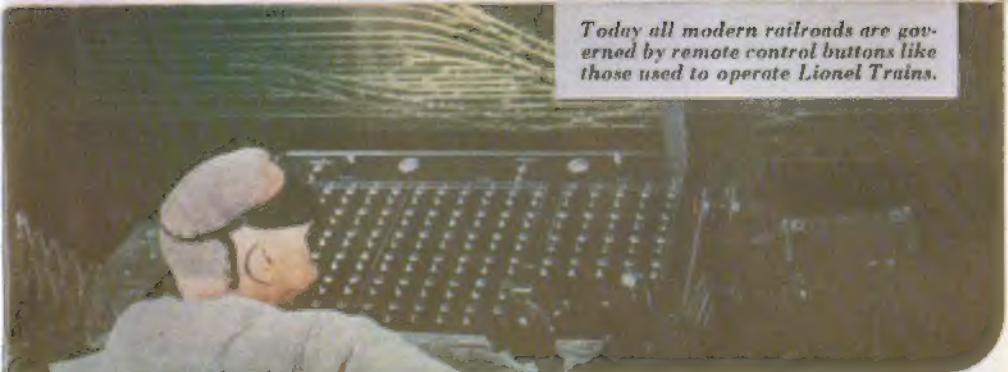
Talk to Dad today. Tell him, before Christmas, that this is the hobby you want. Railroading! Scale model railroading! Take him into partnership with you. Make him the senior member of your railroading company. Plan together. Work together. Start at once to enjoy together this greatest hobby on earth.

Scale Model Headquarters

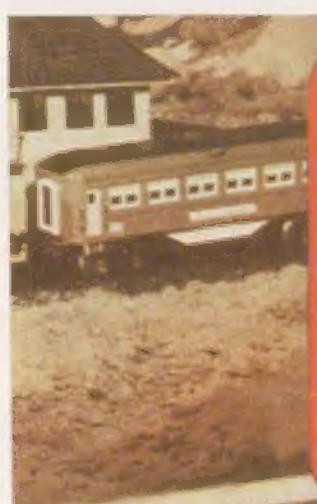
THE LIONEL CORPORATION

15 East Twenty-sixth Street, New York, N. Y., U.S.A.

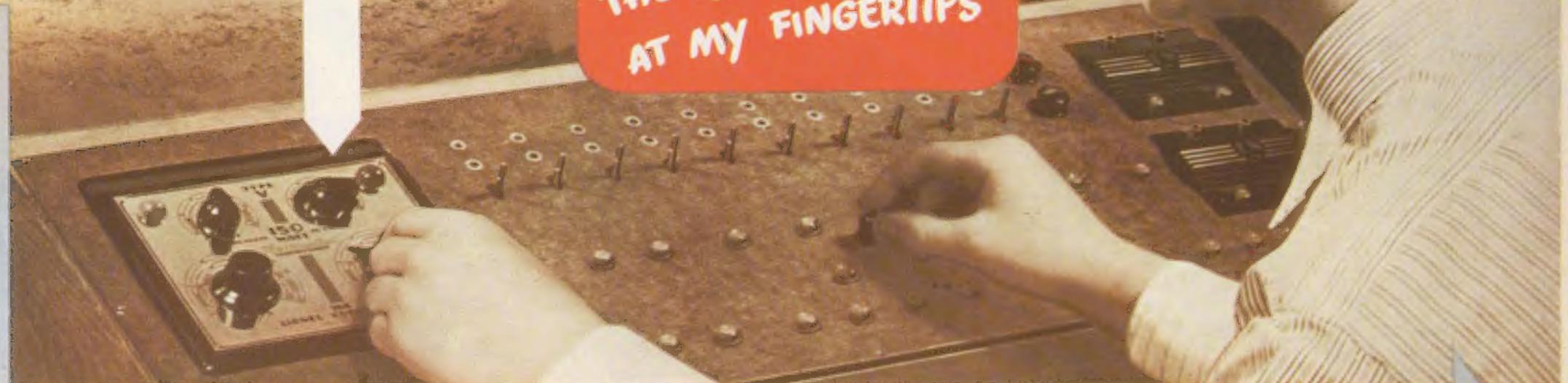
This catalog is effective August 1, 1940. All prices, dimensions, or mechanical details and colors are subject to change without notice. The author contents of this book are copyrighted 1940 by The Lionel Corporation, 15 East 26th Street, New York, N. Y. Printed in the U. S. of America.



Today all modern railroads are governed by remote control buttons like those used to operate Lionel Trains.



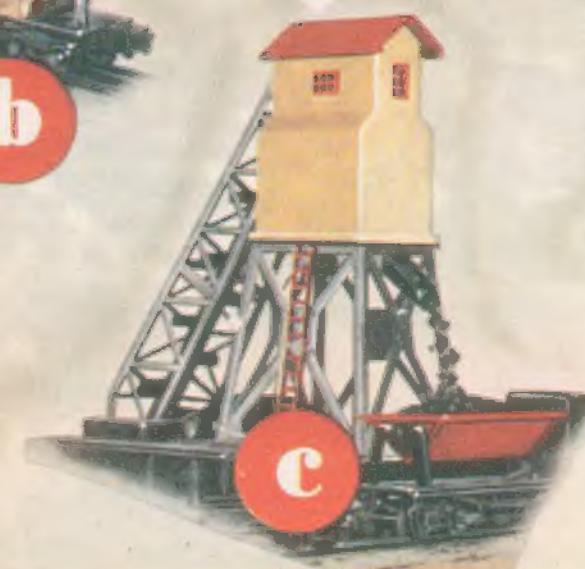
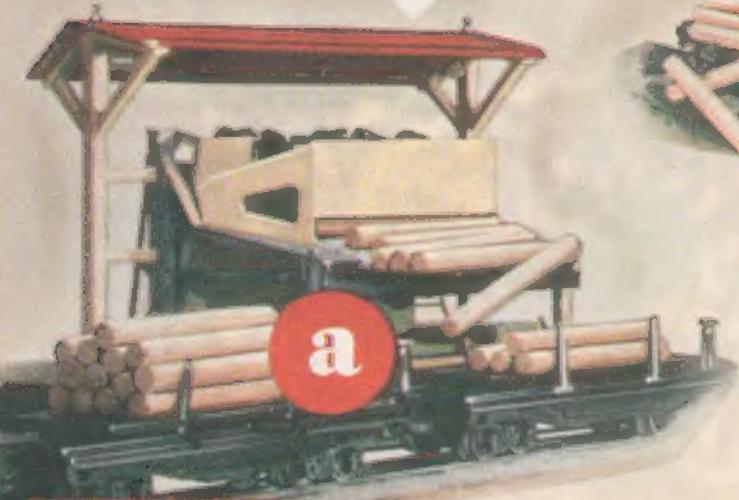
**YIPPEE!**  
NOW I'VE GOT  
THE WHOLE WORKS  
AT MY FINGERTIPS



**- now made more exciting than ever by...**



JUST THE WAY  
THE BIG FELLOWS DO IT—  
BY THE TOUCH OF  
A BUTTON! !



# E lectrified Action-

Lionel was first to make a train run *electrically*!

And ever since, from year to year, Lionel has been making trains do more and more things *electrically*.

On this page is a "close-up" of eleven new great electrified features invented, developed and perfected by Lionel.

Some of the things you see here seem almost

unbelievable. Think of it . . . a freight car loading and unloading itself automatically—at the command of your finger! Cars coupling and uncoupling at the touch of a button! Locomotives whistling real railroad signals, anywhere, at any time. Bridges that automatically stop trains when they open. Cranes loading or unloading cars by electric mag-

nets. Two trains running on the same loop of track, at the same time, yet never colliding.

Look them over! Eleven great headliners! Pick one . . . two . . . three . . . or all to go with your train. Or make a note to add them as quickly as possible. For here is thrilling performance that no make of train in the world but *Lionel* can give you.



### a LOADING LOGS

Electric elevator lifts logs to raised platform for remote control car loading. Page 55.

### g NEW THRILLER

Electric bridge opens by remote control. Train halts until bridge closes. Shown on Page 56.

### b UNLOADING 'EM

Bottom of car tilts by remote control, spilling logs into bin alongside track. See Page 44.

### h MORE MAGIC

Your finger on a button opens the side of gondola car, tumbling out barrels. See Page 44.

### c COAL BUNKER

Motor-driven chain of buckets fills bunker. Touch of button pours coal into car. Page 54.

### i UNCOUPLING

Electro-magnetic couplers are built-in. Cars are uncoupled by electric remote control.

### d THEY WHISTLE

Any whistle signal of the Official Railway Code — sounded right from the train itself.

### j MAGNET CRANE

Greatest accessory of 1940. Lifts steel beams by magnetism, revolves electrically. See Page 59.

### e COAL DELIVERY

Touch a button and electric dump car tilts, unloading coal into bin. Description on Page 44.

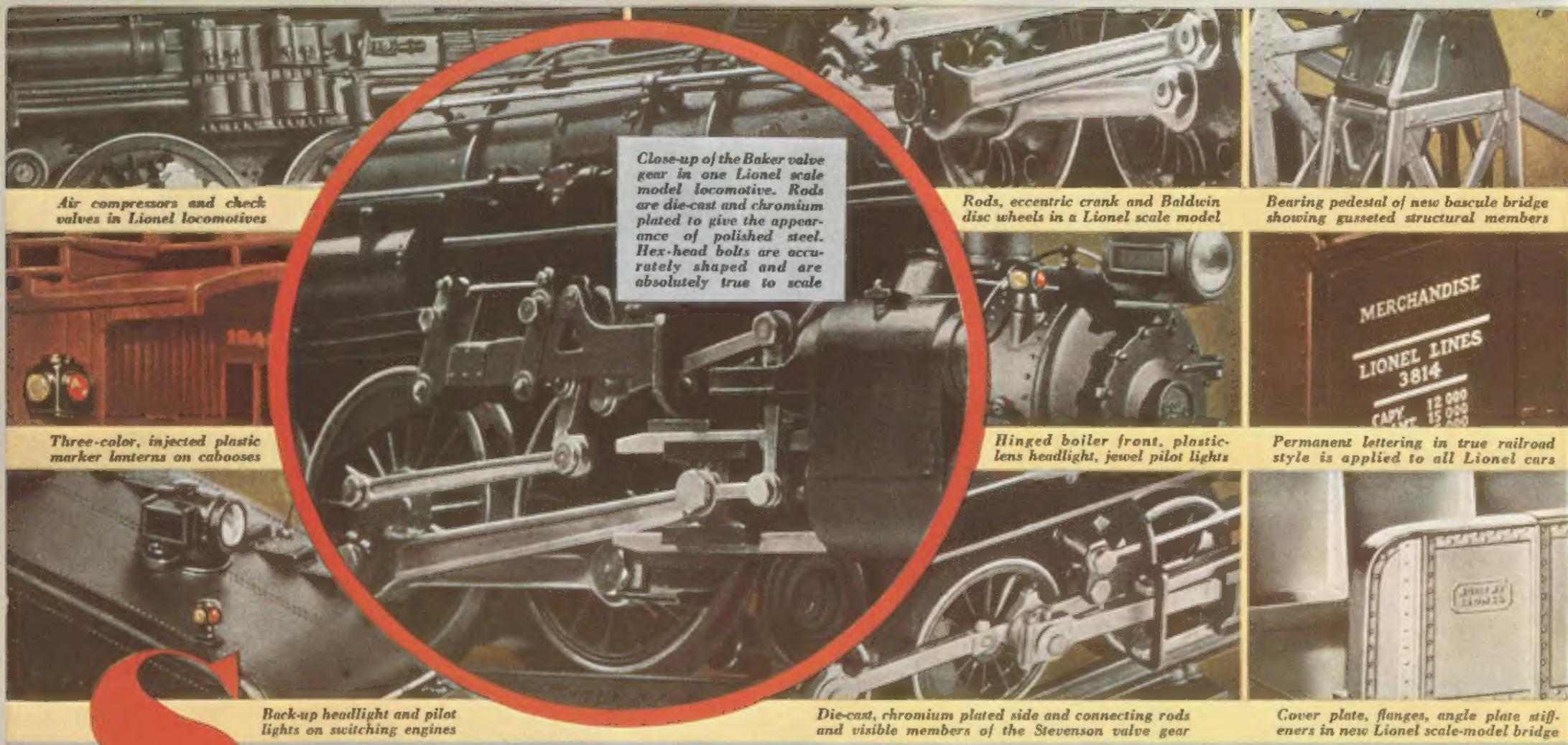
### k BLOCK SIGNAL

Prevents collision when two trains run on same track layout. See how it's done, on Page 52.

### f LIKE MAGIC

Real railroads can't do this! Touch a button, door opens and out pops freight. Page 45.

**Plus**



# Scale Model Realism

## BLUEPRINT ACCURACY!

Exact reproduction in miniature of giant locomotives, switching engines, freight cars and equipment of all kinds—with full, accurate scale model proportions and complete details right down to the last nut and bolt.

That's what you get in a Lionel, and only in a

**Lionel.** Builders of real railroad equipment work hand in hand with Lionel engineers to make Lionel Trains the finest that roll on model rails. Lionel Trains are not toy-type interpretations but *the real thing*—built from real railroad blueprints without sacrifice of detail, without compromise in proportions, without any excuses to make.

Look over the evidence. See why a Lionel is king of the rails and such a joy to own. Then tell Dad to be sure to get a genuine Lionel.



RE PRO

Air compressors and check valves in Lionel locomotives

Close-up of the Baker valve gear in one Lionel scale model locomotive. Rods are die-cast and chromium plated to give the appearance of polished steel. Hex-head bolts are accurately shaped and are absolutely true to scale

Rods, eccentric crank and Baldwin disc wheels in a Lionel scale model

Bearing pedestal of new bascule bridge showing gusseted structural members

Three-color, injected plastic marker lanterns on cabooses

Hinged boiler front, plastic-lens headlight, jewel pilot lights

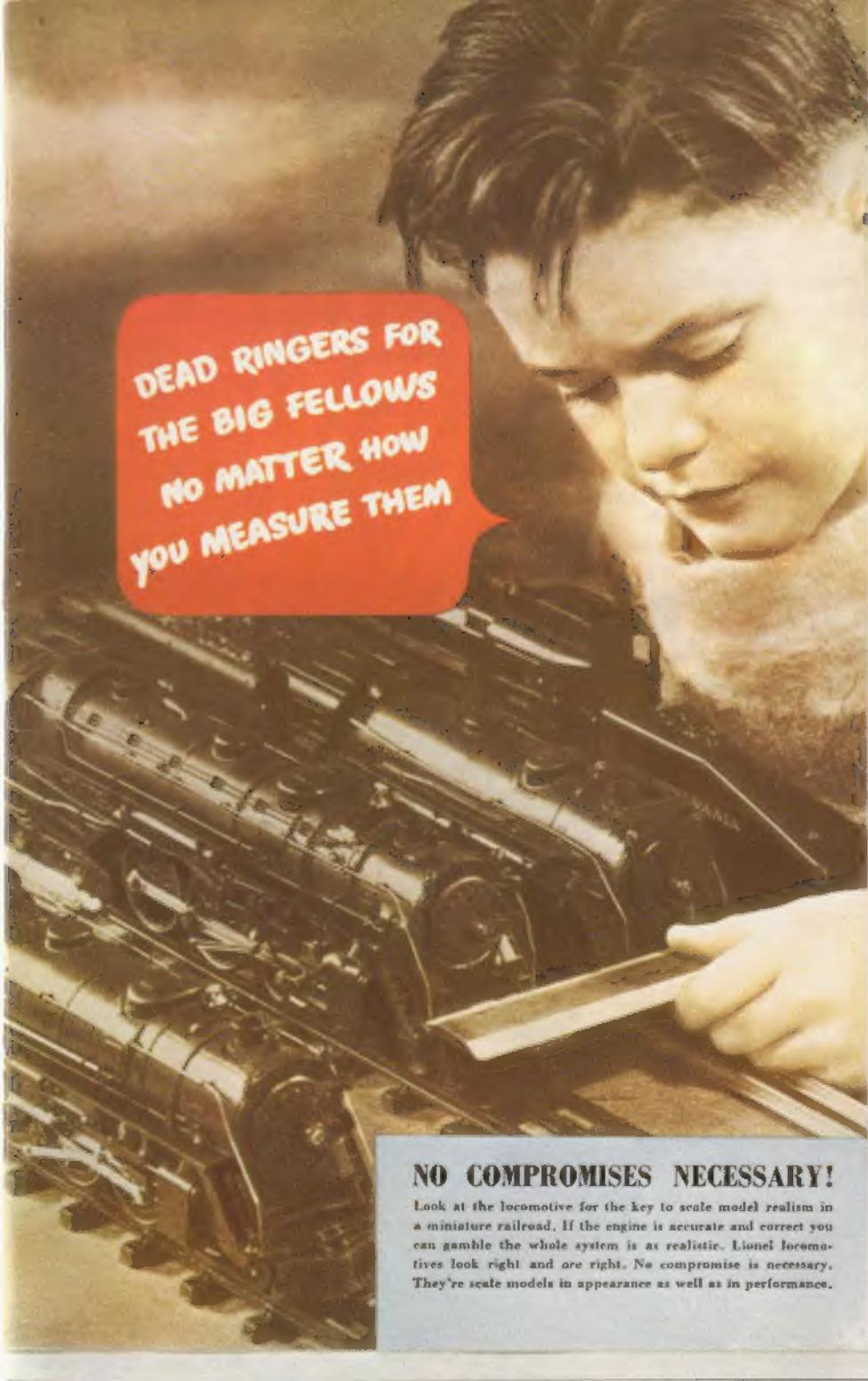
MERCHANDISE  
LIONEL LINES  
3814  
12,000  
CARRY  
15,000  
15,000

Permanent lettering in true railroad style is applied to all Lionel cars

Back-up headlight and pilot lights on switching engines

Die-cast, chromium plated side and connecting rods and visible members of the Stevenson valve gear

Cover plate, flanges, angle plate stiffeners in new Lionel scale-model bridge



**DEAD RINGERS FOR  
THE BIG FELLOWS  
NO MATTER HOW  
YOU MEASURE THEM**

### NO COMPROMISES NECESSARY!

Look at the locomotive for the key to scale model realism in a miniature railroad. If the engine is accurate and correct you can gamble the whole system is as realistic. Lionel locomotives look right and are right. No compromise is necessary. They're scale models in appearance as well as in performance.



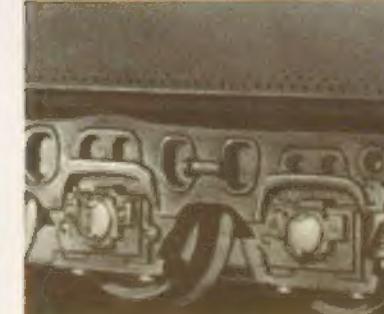
Coupler pin-lifting chain, rod and crank on switching engine



Realistic lettering, color and details on a Lionel hopper car



Big hook and die-cast magnet case on new Lionel triple-action crane



Sharp, clearly defined details on a Lionel scale model tender truck



Sliding, die-cast door on box car fitted with an operating latch



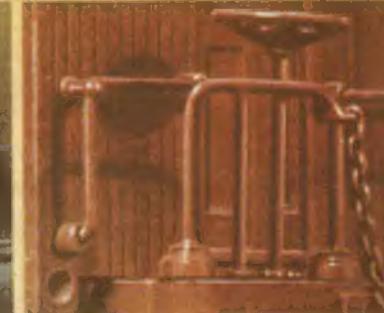
Marker lights on steel cabooses reflect interior illumination



Die-cast lamp brackets and etched crossarms on new warning signal



Applied ladder and rails on tank car. Cast manhole cover and valves



Cabooses contain such details as poling socket, lower left above



New Lionel scale switching engine with sharply defined, die-cast details and piercing headlight



Reflectors on platform

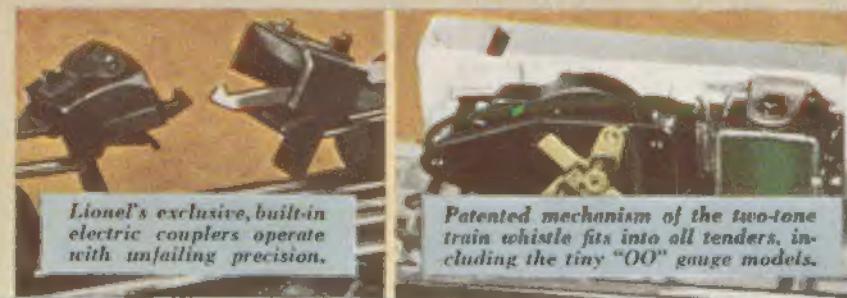
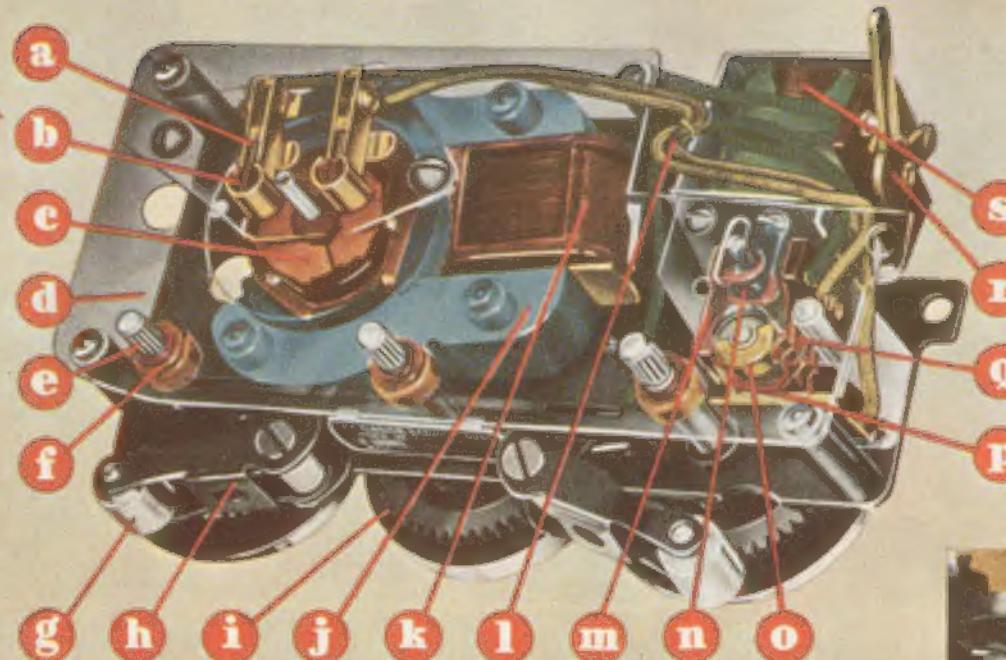
# Plus

## POWERHOUSE ON WHEELS

THE STANDARD MOTOR in Lionel locomotives is the highly dependable spur-gear type, illustrated at the right, which reduces r.p.m. in a ratio of about 12 to 1 to develop tremendous, high-torque energy. Spur gearing is the most efficient known to science and is used exclusively in the drive of huge turbines, ships, etc. Points of special interest are indicated by letters.

a, rust-proof music-wire — brush pressure spring. b, long-life brush—copper-graphite composition. c, molded precision commutator. d, heavy steel side plates for accurate alignment of shafts. e, nickelized, knurled, toughened axles will not loosen in wheels. f, wide phosphor-bronze bushings.

g, nickel-chromium collector roller. h, bronze collector shoe; bracket easily replaced. i, precision-cast drive gear integral with wheel. j, electrical-steel lamination stock. k, machine-wound field winding. l, braided, oil-filled insulation prevents grounding. m, reversing-unit actuating panel. n, solenoid plunger. o, plastic, molded reversing drum. p, integrally molded ratchet teeth on drum. q, sterling silver contact fingers. r, reverse disconnecting switch lever. s, paper sectioned reversing solenoid coil. Hard steel intermediate gears cut on gear generator (not shown).

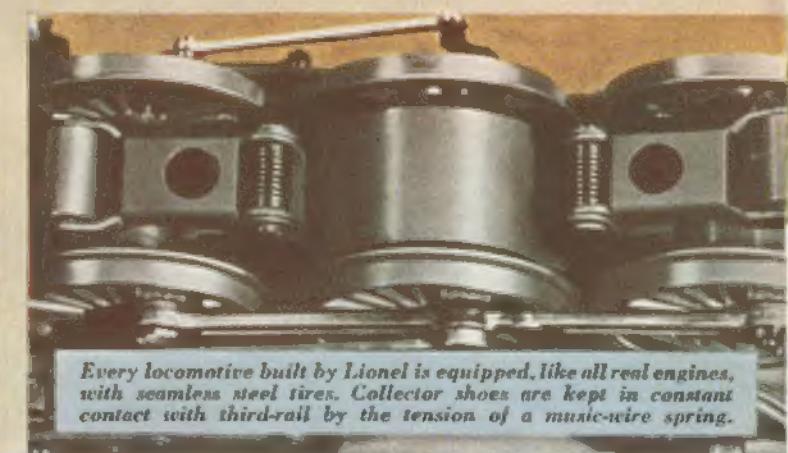


Lionel's exclusive, built-in electric couplers operate with unfailing precision.

Patented mechanism of the two-tone train whistle fits into all tenders, including the tiny "OO" gauge models.



The solenoid coil which actuates couplers is a tiny, compact, encased unit built into each car truck. It gathers current from special track through its own collector shoe.



Every locomotive built by Lionel is equipped, like all real engines, with seamless steel tires. Collector shoes are kept in constant contact with third-rail by the tension of a music-wire spring.

# Dependable Performance —

Railroads expect a locomotive to last 20 years.

You'll find hundreds of Lionel engines, like the old boy on the back cover of this catalog, on the job after 25, 30, even 35 years of active service!

A Lionel never grows old! That's because of its stamina and enormous reserve power. No matter how fast you run it — or how long — or how many

sudden starts and quick stops you call for — you never overtax its power capacity.

When you—or Dad—are putting money into a scale model, **reserve power** and **long life** are the FIRST things you want. So look under the bonnet of a Lionel. See what makes it ready to go whenever you touch your hand to the "throttle".

Above is the "heart" of a Lionel locomotive exposed to view. No trains on earth can match the performance and dependable service of this Lionel powerhouse on wheels! Read carefully every point called to your attention. Then you'll understand why a Lionel — like its big brother on the big rails — is always ready when the signal comes, "Okay, let's go!"



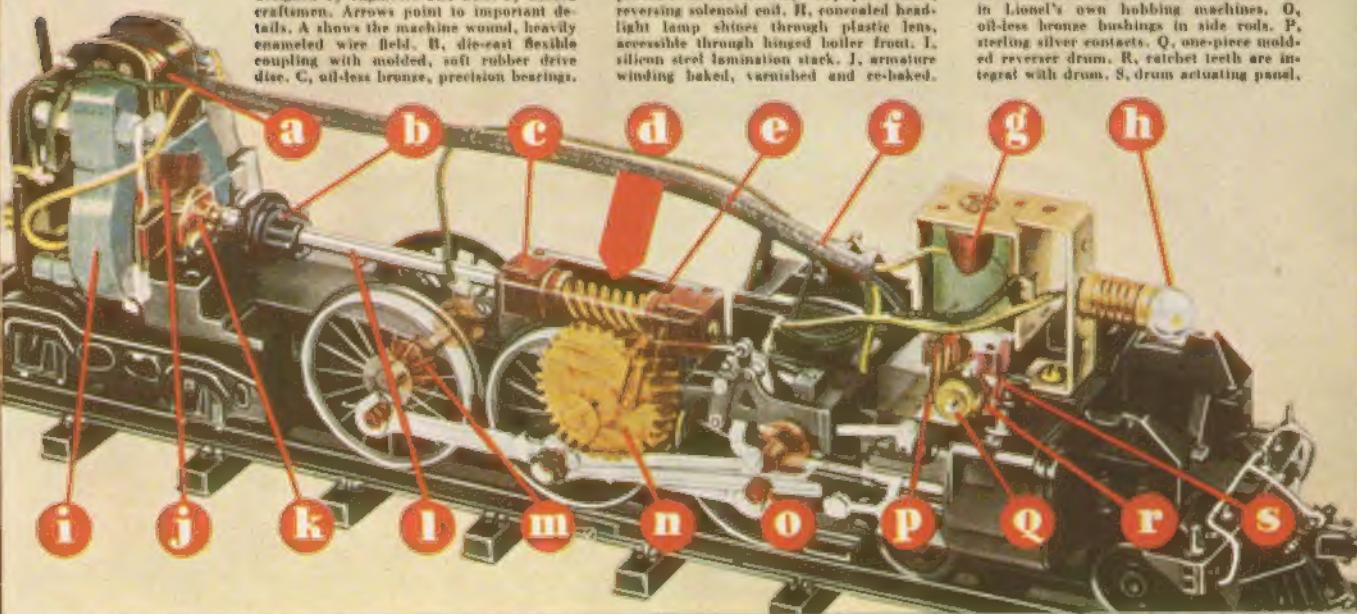
## FAULTLESS CONSTRUCTION OF LIONEL WORM-DRIVEN LOCOMOTIVES

A worm drive in a miniature locomotive can be highly efficient and most dependable, if it is expertly designed and skillfully constructed. Shown below is the internal construction of a Lionel scale model, designed by engineers and built by skilled craftsmen. Arrows point to important details. A shows the machine wound, heavily enameled wire field. B, die-cast flexible coupling with molded, soft rubber drive disc. C, oil-less bronze, precision bearings.

D, polished threads on worm, cut by Lionel in precision thread-cutting machines. E, hardened and ground thrust ball bearings.

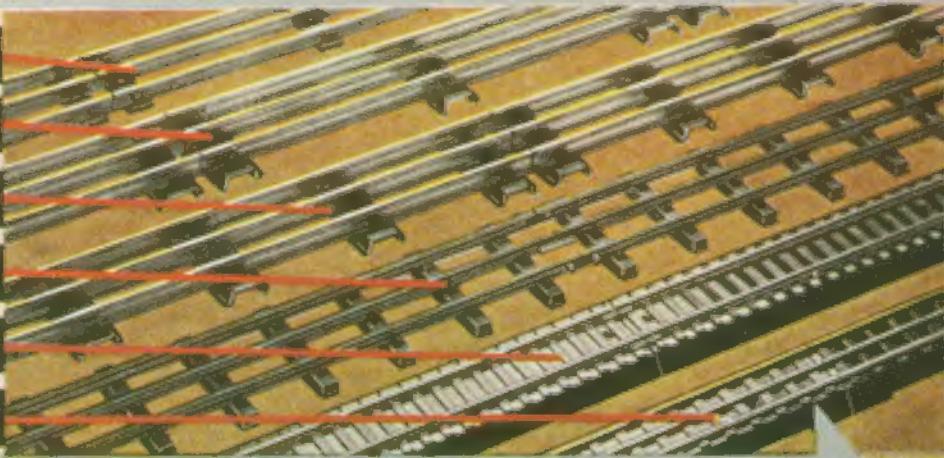
F, points in the leads between motor and reversing unit which are enclosed in an oil-proof, saturated sleeveing. G, paper-section, reversing solenoid end. H, concealed headlight lamp situated through plastic lens, accessible through hinged boiler front. I, silicon steel lamination stack. J, armature winding baked, varnished and re-baked.

K, oil-less type armature bearing, surrounded by oil-retaining felt ring, provided with oil hole through ash pan. L, worm shaft, integral with worm. M, wheel axle is plated tool steel—knurled ends for press-fit of drivers. N, bronze worm wheel cut in Lionel's own hobbing machines. O, oil-less bronze bushings in side rods. P, sterling silver contacts. Q, one-piece molded reverse drum. R, ratchet teeth are integral with drum. S, drum actuating panel.



## THE SIX DIFFERENT STYLES OF LIONEL TRACK

CROSS-SECTION SILHOUETTES SHOW GAUGES IN ACTUAL SIZE



*- that's not all...Lionel also gives you...*

**YOU CAN START  
WITH A LIONEL  
OF ANY SIZE  
AT ANY PRICE**



# M*odel Railroading from the*

There's nothing complicated about model railroading. It's a thrilling, absorbing hobby for boys of 7, as for men of 70. For father and son, the model railroad is a priceless meeting place where boy and man are boys together, and close, enduring father-son companionship thrives on mutual aims and interests. "But what do we do?" "How do we

start?" Lionel answers those questions in two new, great publications: (1) **MODEL BUILDER**, six-time-a-year magazine sold on all newsstands at 10 cents a copy. Shows how to start with a circle of track and a single train and gradually develop a giant railroad empire. Tells how you can build a timber trestle, roundhouse and turntable. How to obtain

effective scenic results at insignificant expense: a fence made of hairpins, an oil storage yard of coffee cans, a wheat elevator of rolled oats containers. **MODEL BUILDER** shows how to wire your layout to a central control panel like that on Page 3, how to build dual controls, how to run trains according to regular timetables. Through this magazine you will

**-AND BUILD IT  
INTO A MIGHTY  
RAILROAD SYSTEM  
LIKE THIS**

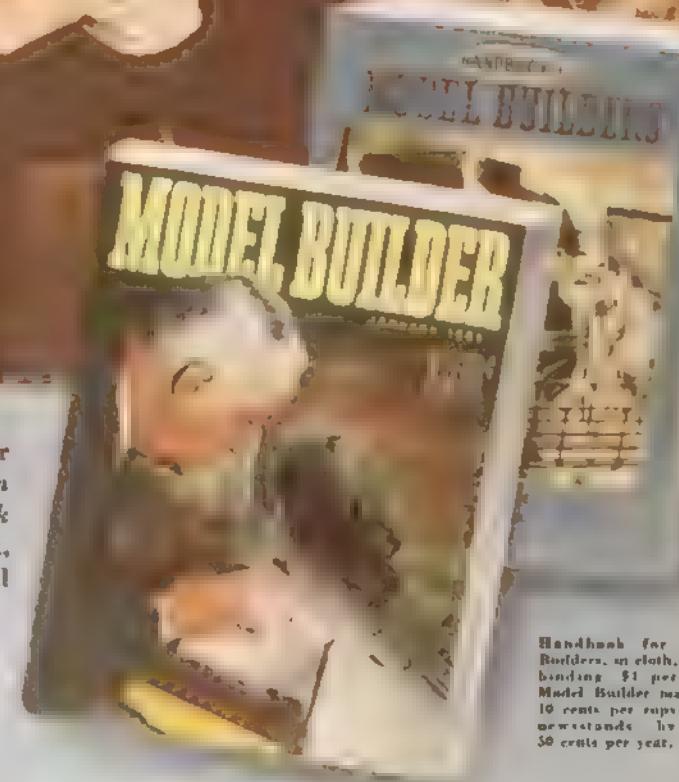


## **Ground up—**

meet other railroaders, compare notes, see pictures of their pikes and exchange ideas. Subscribe to MODEL BUILDER. A full year is only 50 cents, by mail. (2) HANDBOOK FOR MODEL BUILDERS is a big, cloth-bound, library edition containing everything you want to know about trains. Written in boys' language, for boys. Many of the best articles, photo-

graphs, tips and hints from the Model Builder magazine are collected in the Handbook. Bound-in are 48 pages of blueprints containing over 200 track layouts! Size, 8½ by 11½ inches, 140 pages thick, cloth-bound, jacketed in full colors, only \$1, at all train counters.

***what to do—  
and how to do it***



Hanbook for Model Builders, in cloth, library binding, \$1 per copy. Model Builder magazine, 10 cents per copy on all newsstands, by mail, 50 cents per year.



## Lionel 'O-27' Series

SCALE MODEL REALISM in "O-27" locomotives and tenders is unmatched in any other make of train at anything near the low prices which prevail throughout this series. Locomotive cabs and boilers are die-cast in hardened steel dies which impart the same fine detail that is found in the most expensive scale models.

Every engine has a built-in reversing mechanism which enables the operator to make his train go

forward or backward by remote control. Motors are built for lifetime service.

The letter O in "O-27" designates the gauge of the track on which these trains operate. "O" gauge is quarter-inch scale, approximately one forty-eighth actual size.

The 27 in "O-27" indicates the diameter of a circle of this track, which measures 27 inches to outer extremities. Lionel "O-27" track is not as high as

### THE LIONEL "O-27" FLEET OF SPEED WIZARDS

**No. 1668W Locomotive-Tender Outfit** — Die-cast, accurately detailed, scale proportioned locomotives any boy would be proud to own. Locomotive has six spoked drive-wheels. Tender has built-in electric coupler, built-in whistle. For use with "O-27" cars, and cars of the 600 and 2600 series. No. 1041 Multi-Control Transformer with built-in circuit breaker and button for operating whistle and reversing, is included in outfit. Overall 16 inches. Price \$10.75

**No. 3663T Switching Engine Tender Outfit** Four-drivewheel switching engine with "Magic Electric" which enables two trains to operate on the same layout at the same time, each individually controlled. Electric coupler on pilot and tender. Tender has a working back-up headlight. For use with "O-27" cars and cars of the 600 and 2600 series. Outfit consists of No. 1663 switching engine, No. 3201T Tender, and No. 168 controller. Overall 16½ inches. Price \$14.75

**No. 1664W Locomotive-Tender Outfit** — Locomotive has scale model, intricately detailed die-cast cab and boiler embellished by stainless steel pipes and four spoked drive-wheels. Tender has electric coupler and built-in whistle. For use with "O-27" cars, and cars of the 600 and 2600 series. Included in outfit is a No. 1041 Multi-Control Transformer with built-in circuit-breaker and a button for operating whistle. Overall 16 inches. Price \$9.00

**No. 1668W Pennsylvania Streamline Locomotive and Tender** — With its heavy duty motor and its six large drivers, this locomotive is a veritable power plant on wheels, as well as a thrilling beauty in design, color and finish. Cast with a profusion of detail and ornamented with bright, polished details. Eight-wheel streamline tender has built-in railroad whistle.



regular Lionel "O" gauge track and the two types cannot, therefore, be used together.

Lionel "O-27" switches, crossovers and other track accessories are listed on Page 48. Additional cars for "O-27" trains will be found on pages 44, 45 and 47. Stations, houses, signals and other equipment suitable for regular "O" gauge trains are also appropriate for use with "O-27" outfits, unless otherwise noted under their individual descriptions.



'0-27' Gauge

## PENNSYLVANIA "TORPEDO TRAIN"

No. 1073  
8795

No. 1074  
3795

No. 1087  
8995

*Temporary increments and  
decrements of the index  
of total investment and  
output over 10-year spans*



All "O-27" units include a funnel built transformer — for 110 to 120 volt 60-cycle alternating current. Trains with electric whistles are furnished with No. 1016 transformer with built-in circuit-breaker, whistle and speed controls, and a capacity of 15 watts which provides for the addition of numerous accessories. (All purchased separately.) Trains not having whistles are furnished with No. 1039 15 watt speed control transformer which is adequate for the operation of a few added accessories. (All purchased separately, \$2.25.)



## SCALE PROPORTIONS – REALISTIC DETAILS



Outfit No. 1973 consists of:

1-No. 1668 Six-drivewheel locomotive.  
 1-No. 1689T Tender.  
 1-No. 1679 Box car, 4-wheel trucks.  $9\frac{1}{4}$  in. long.  
 1-No. 1680 Tank car, 4-wheel trucks.  $9\frac{1}{4}$  in. long.  
 1-No. 1682 Caboose, 4-wheel trucks.  $9\frac{1}{4}$  in. long.  
 8-Sections of No. 1013 Curved track.  
 2-Sections of No. 1018 Straight track.  
 1-UTC Lockon.  
 1-No. 1039 Transformer with speed control.  
 Track supplied forms an oval  $27\frac{1}{2}$  by  $36\frac{3}{8}$  inches.  
 Train is  $44\frac{1}{2}$  inches long. Price \$7.95

**Outfit No. 1073W—Same as No. 1073, but with  
Built-in Whistle and No. 1041 Multi-Control  
Transformer with Built-in Circuit-Breaker and a  
button for operating whistle.** Price \$11.75

**Outfit No. 1074 consists of:**

1-No. 1668 Six-drivewheel Pennsylvania Railroad "Torpedo" locomotive.  
 1-No. 1689T Tender.  
 2-No. 1690 Pullman car,  $9\frac{1}{2}$  inches long.  
 1-No. 1691 Observation car,  $9\frac{1}{2}$  inches long.  
 8=Sections of No. 1013 Curved track.  
 2=Sections of No. 1018 Straight track.  
 1-UTC Lockon.

1-No. 1039 Transformer with speed control.  
Track supplied forms an oval  $27\frac{1}{2}$  by  $36\frac{3}{8}$  inches.  
Train is  $43\frac{1}{2}$  inches long. Price \$7.95

**Outfit No. 1074W**—Same as No. 1074, but with Built-in Whistle and No. 1041 Multi-Control Transformer with Built-in Circuit Breaker and a button for operating whistle. Price \$11.75.

**Outfit No. 1087 consists of:**

1-No. 1664 Scale model detailed locomotive.  
 1-No. 1689T Tender.  
 1-No. 1679 Box car, 4-wheel trucks.  $9\frac{1}{4}$  in. long.  
 1-No. 1680 Tank car, 4-wheel trucks.  $9\frac{1}{4}$  in. long.  
 1-No. 1682 Caboose, 4-wheel trucks.  $9\frac{1}{4}$  in. long.  
 2-Sections of No. 1013 Curved track.  
 2-Sections of No. 1018 Straight track.  
 1-UTC Lockon.  
 1-No. 1039 Transformer with speed control.  
 Track supplied forms an oval  $27\frac{1}{4}$  by  $36\frac{3}{8}$  inches.  
 Train is  $44\frac{1}{2}$  inches long. Price \$9.95

**Outfit No. 1087W**—Same as No. 1087, but with Built-in Whistle and No. 1041 Multi-Control Transformer with Built-in Circuit-Breaker and a button for operating whistle. Price \$13.75



## AUTHENTIC LOCOMOTIVE DETAILS

No. 1088  
\$1175



No. 1089  
\$1275



ELECTRIC  
Remote Control  
COUPLERS



No. 1090  
\$1395



All "O 2" outfitts include a Lionel-built transformer for 110 to 115-volt, 60-cycle alternating current. Trains with electric whistles are furnished with No. 1041 transformer with built-in circuit-breaker, whistle and speed controls, and a capacity of 60 watts which provides for the addition of numerous accessories (if purchased separately, \$4.75). Trains not having whistles are furnished with No. 1039, 35-watt speed-control transformer which is adequate for the operation of a few added accessories. (If purchased separately \$2.25.)

### Outfit No. 1088 consists of:

- 1-No. 1664 Scale model detailed locomotive.
- 1-No. 1689T Tender. Locomotive and tender measure, overall, 16 inches.
- 2-No. 1630 Pullman cars, 12½ inches long.
- 1-No. 1631 Observation car, 12½ inches long.
- 8-Sections of No. 1013 Curved track.
- 4-Sections of No. 1018 Straight track.
- 1-UTC Lockon.
- 1-No. 1039 Transformer with speed controls. Track supplied forms an oval 27½ by 45¼ inches. Train is 51½ inches long. Price \$11.75

Outfit No. 1088W. Same as No. 1088, but with Built-in Whistle and No. 1041 Multi-Control Transformer with Built-in Circuit-Breaker and a button for operating whistle. Price \$15.50

### Outfit No. 1089 consists of:

- 1-No. 1666 Six-drivewheel locomotive.
- 1-No. 2689T Tender.
- 1-No. 2677 Gondola car, 9½ inches long.
- 1-No. 2679 Box car, 9½ inches long.
- 1-No. 2682 Caboose, 9½ inches long.
- 8-Sections of No. 1013 Curved track.
- 3-Sections of No. 1018 Straight track.
- 1-No. 1019 Remote control track. 1-UTC Lockon.
- 1-No. 1039 Transformer with speed controls. Track supplied forms an oval 27½ by 45¼ inches. Electric couplers, 45½ inches long. Price \$12.75

Outfit No. 1089W. Same as No. 1089, but with Built-in Whistle and No. 1041 Multi-Control Transformer with Built-in Circuit-Breaker and a button for operating whistle. Price \$16.50

### Outfit No. 1090 consists of:

- 1-No. 1666 Six-drivewheel locomotive.
- 1-No. 2689T Tender.
- 2-No. 2630 Pullman cars, 12½ inches long.
- 1-No. 2631 Observation car, 12½ inches long.
- 8-Sections of No. 1013 Curved track.
- 3-Sections of No. 1018 Straight track.
- 1-No. 1019 Remote control track. 1-UTC Lockon.
- 1-No. 1039 Transformer with speed controls. Track supplied forms an oval 27½ by 45¼ inches. Tender and all cars have electric couplers. Train is 51½ inches long. Price \$13.95

Outfit No. 1090W. Same as No. 1090, but with Built-in Whistle and No. 1041 Multi-Control Transformer with Built-in Circuit-Breaker and a button for operating whistle. Price \$17.75



Five important action features are included in this outfit. Electrically operated switches, electrically operated coal elevator, electrically operated dump car, electric couplers and remote control locomotive whistle.

No. 1095W  
\$29.50



No. 1093  
\$18.75



**Outfit No. 1095W consists of:**

- 1-No. 1666 Six-drivewheel locomotive.
- 1-No. 2689W Tender with Built-in Whistle.
- 1-No. 3659 Electric dump car, 6½ inches long.
- 1-No. 2680 Tank car, 9½ inches long.
- 1-No. 2620 Floodlight car, 6¾ inches long.
- 1-No. 2657 Caboose, 6½ inches long.
- 1-No. 96 Coal Elevator with manual conveyors.
- 1-No. 160 Unloading bin.
- 1-No. 1121 Pair electric remote control switches.
- 10-Sections of No. 1013 Curved track.
- 5-Sections of No. 1018 Straight track.
- 1-No. 1019 Remote control track. 1-UTC Lockon.
- 1-No. 1041 Multi-Control Transformer.
- Tender and all cars have electric couplers. Train is 52 inches long. Price \$29.50

**Outfit No. 1091 — Like No. 1093 but consisting of:**

- 1-No. 1666 Locomotive. 1-No. 2689T Tender.
- 1-No. 2679 Box car, 9½ inches long.
- 1-No. 2680 Tank car, 9½ inches long.
- 1-No. 3659 Electric dump car, 6½ inches long.
- 1-No. 2682 Caboose, 9½ inches long.
- 1-No. 160 Unloading bin.
- 8-No. 1013 Curved track. 5-No. 1018 Straight track.
- 1-No. 1019 Remote control track. 1-UTC Lockon.
- 1-No. 1039 Transformer with speed controls.
- Electric couplers.** Track oval 27½ by 54½ inches. Train is 54 inches long. Price \$16.00
- Outfit No. 1091W—**Same as No. 1091, but with Built-in Whistle and No. 1041 Multi-Control Transformer with Built-in Circuit-Breaker and a button for operating whistle. Price \$19.75

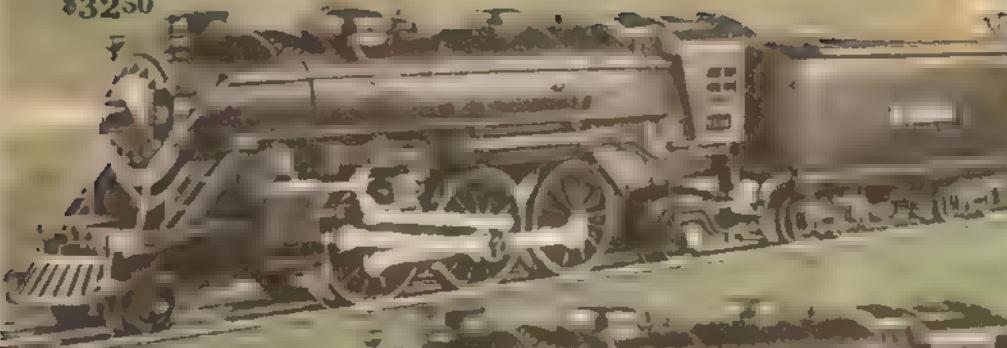


Outfit includes pair of electric, remote control switches. All cars are equipped with electro-magnetic couplers.

**Outfit No. 1093 consists of:** No. 1666 Locomotive, No. 2689T Tender, No. 2679 Box car, No. 2680 Tank car, No. 2682 Caboose, 10 sections of No. 1013 Curved track, 5 sections of No. 1018 Straight Track, No. 1019 Track set, UTC Lockon, Pair of No. 1121 Electric switches and No. 1039 Transformer. Price \$18.75  
**No. 1093W—**Similar, but with whistle equipment. Price \$22.50

No. 1099W

\$32.50



*Outfit No. 1099W includes a pair of electric, remote control switches and an unusually large amount of track.*



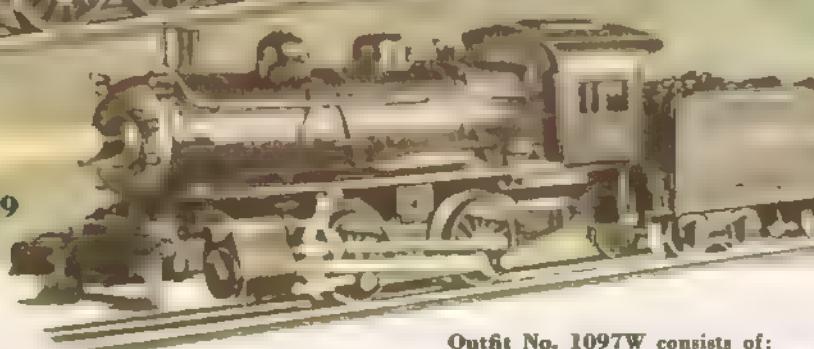
No. 1097W  
\$25.00



*Crane can be turned from side to side. Boom and tackle can be raised or lowered.*



No. 1059  
\$16.75



*Gondola car contains a set of barrels. Barrels can be opened and filled with freight.*



All "O-27" outfits include a Lionel-built transformer for 110 to 115-volt, 60 cycle alternating current. Trains with electric whistles are furnished with No. 1041 transformer with built-in circuit-breaker, whistle and speed controls, and a capacity of 60 watts which provides for the addition of numerous accessories. (Not purchased separately, \$1.75.) Trains not having whistles are furnished with No. 1039, 15-watt, speed-control transformer which is adequate for the operation of a few added accessories. Separately, \$2.25.

#### Outfit No. 1099W consists of:

- 1-No. 1666 Six-drivewheel locomotive.
- 1-No. 2689W Tender, with Built-in whistle.
- 3-No. 3651 Electrically operated lumber cars.
- 1-No. 2657 Caboose, 6 $\frac{1}{2}$  inches long.
- 1-No. 164 Electrically operated log loader.
- 3-No. 160 Unloading bina.
- 10-Sections of No. 1013 Curved track.
- 5-Sections of No. 1018 Straight track.
- 1-No. 1019 Remote control track. 1-UTC Lockon.
- 1-No. 1121 Pair, electric, remote control switches.
- 1-No. 1041 Multi-control transformer.

Cars are 6 $\frac{1}{2}$  inches long. Tender and cars have electric couplers. 5 $\frac{1}{4}$  inches long. Price \$32.50

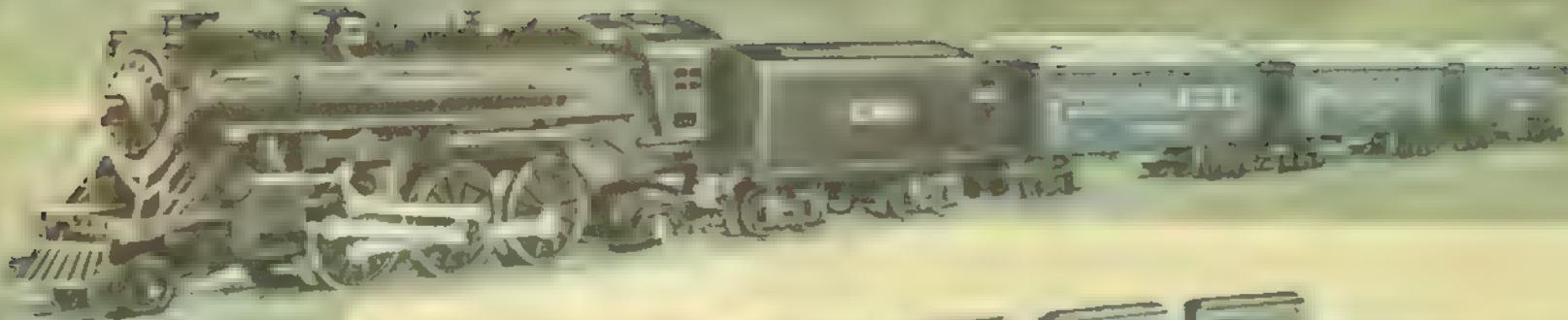
#### Outfit No. 1097W consists of:

- 1-No. 1666 Six-drivewheel locomotive.
- 1-No. 2689W Tender, with Built-in whistle.
- 1-No. 2620 Floodlight car, 6 $\frac{1}{2}$  inches long.
- 1-No. 3651 Electric lumber car, 6 $\frac{1}{2}$  inches long.
- 1-No. 2660 Crane car, 8 $\frac{1}{2}$  inches long.
- 1-No. 3652 Electric gondola, 6 $\frac{1}{2}$  inches long.
- 1-No. 2682 Caboose, 6 $\frac{1}{2}$  inches long.
- 1-No. 160 Unloading bins.
- 8-Sections of No. 1013 Curved track.
- 5-Sections of No. 1018 Straight track.
- 1-No. 1019 Remote control track.
- 1-UTC Lockon.
- 1-No. 1041 Multi-control transformer.

Tender and cars have electric couplers. 60 $\frac{3}{4}$ " long. Track oval, 27 $\frac{1}{2}$  by 54". Price \$25.00

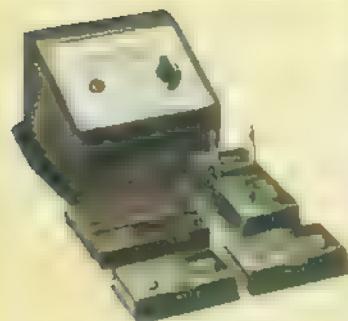
#### Outfit No. 1059 consists of:

- 1-No. 1662 Switching engine with pilot coupler.
- 1-No. 2203T Tender with back-up headlight. Switching locomotive and tender overall measures 16 $\frac{1}{2}$  inches in length.
- 1-No. 2679 Box car, 9 $\frac{1}{4}$  inches long.
- 1-No. 2677 Gondola with barrels, 9 $\frac{1}{4}$  in. long.
- 1-No. 2682X Caboose, 9 $\frac{1}{4}$  inches long.
- 8-Sections of No. 1013 Curved track.
- 5-Sections of No. 1018 Straight track.
- 1-No. 1019 Remote control track.
- 1-UTC Lockon.
- 1-No. 1039 Speed-control transformer. Track supplied forms an oval 27 $\frac{1}{2}$  by 45 $\frac{1}{8}$  inches. Locomotive pilot, tender and all cars have electric couplers. Train is 43 $\frac{1}{2}$  long. Price \$16.75

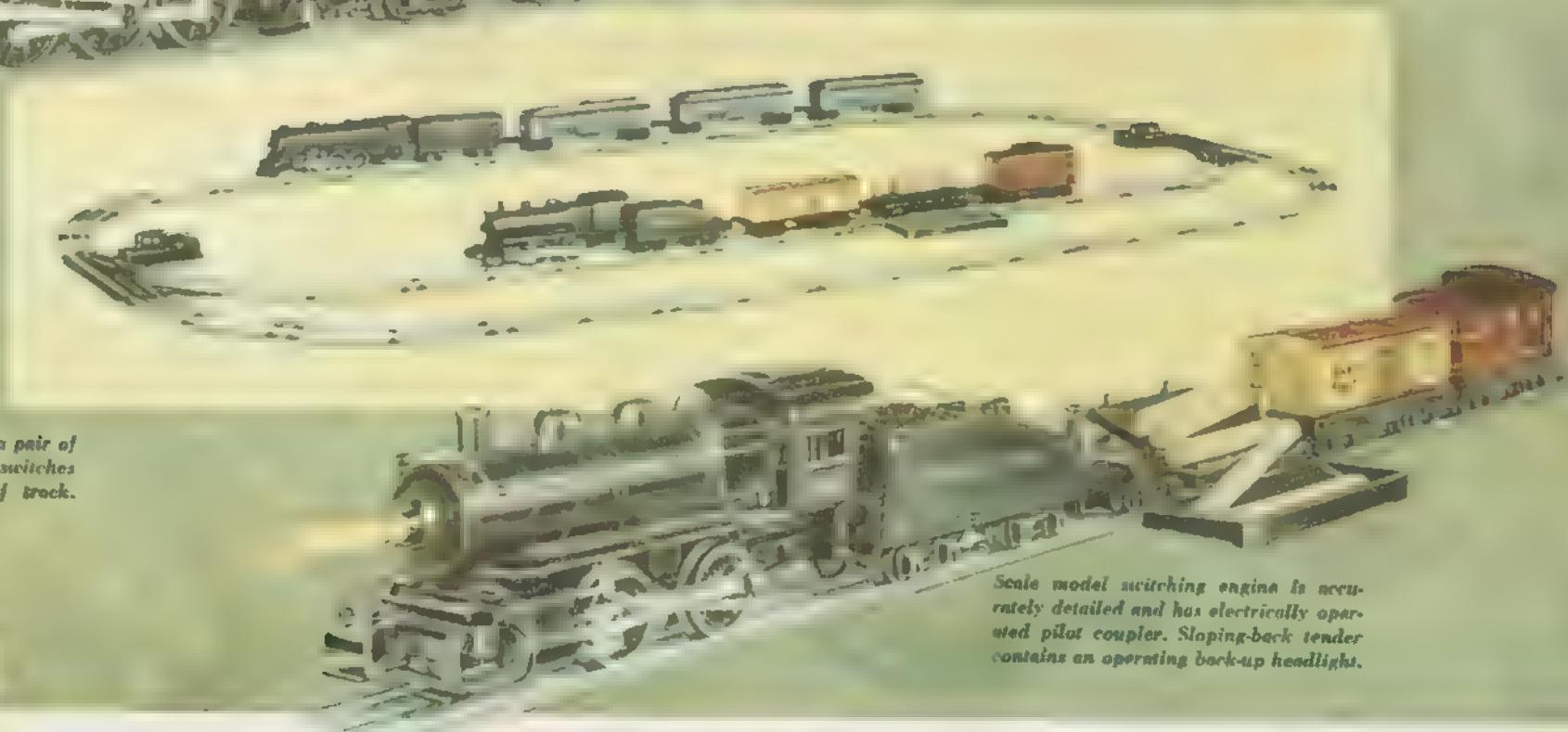


No. 1061  
\$42.75

Two-train outfit includes a pair of electric, remote control switches and a large quantity of track.



Outfit No. 1061 includes Type "Q" Trainmaster Transformer and this bank of controls for the operation of switches, electric lumber car, electric couplers and for starting, stopping and reversing each train individually.



Scale model switching engine is accurately detailed and has electrically operated pilot coupler. Sloping-back tender contains an operating back-up headlight.

## FIRST TIME EVER! A TWO-TRAIN COMBINATION!

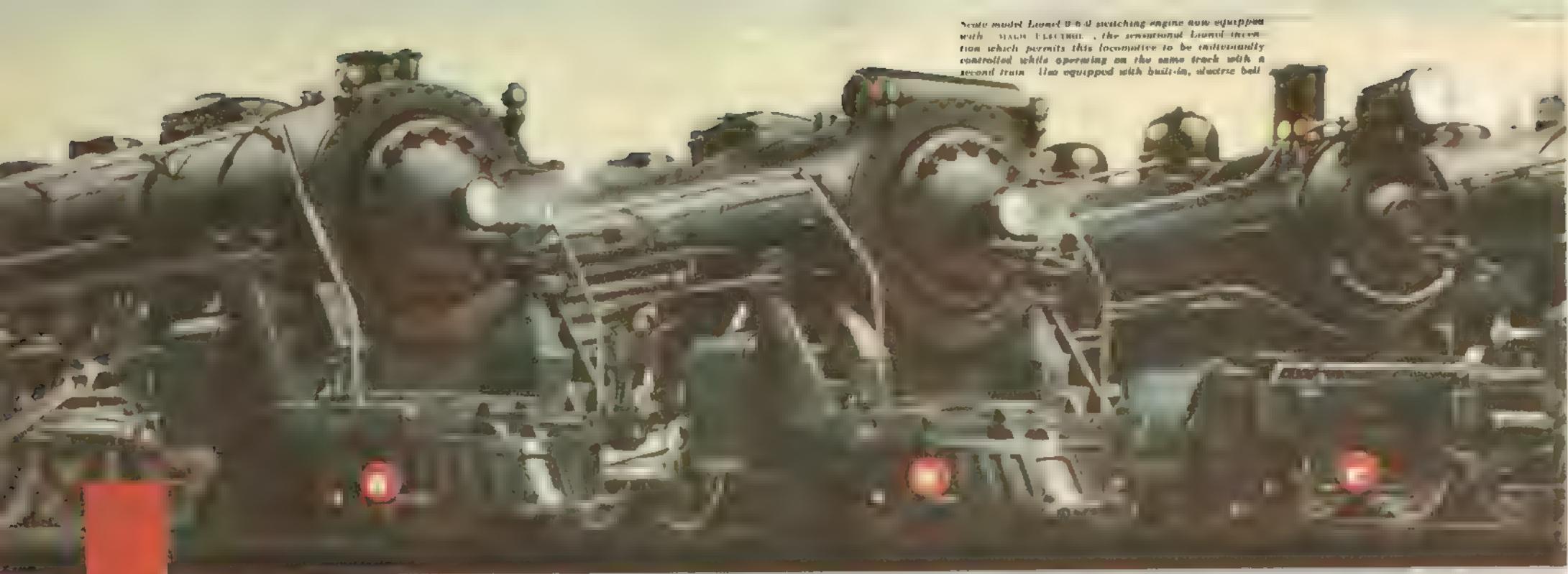
**MAGIC**  
**ELECTROL**

Thank the creative genius of Lionel engineers for this happy solution to the old problem of operating two trains on the same track at the same time—for here is the perfect answer. For each train, there is a separate remote control button... either train can be started, stopped or reversed while the other, unaffected, runs merrily on.

New, Sensational Mystery Motor Enables Two Trains to Run on Same Track Circuit, at Same Time, Individually Controlled!

Lionel 'O-27' Gauge  
ELECTRIC  
Remote Control  
COUPLERS

Outfit No. 1061 consists of:  
 1-No. 1666 Locomotive. 1-No. 2689T Tender.  
 2-No. 2640 Illuminated Pullman cars, 12" long.  
 1-No. 2641 Illuminated Observation car.  
 1-No. 1663 Switching engine with electric coupler.  
 1-No. 2201T Tender.  
 1-No. 3651 Electric lumber car, 6½ inches long.  
 1-No. 2679 Box car, 9¼ inches long.  
 1-No. 2657X Caboose, 6½ inches long.  
 16-Sections of No. 1013 Curved track.  
 17-Sections of No. 1018 Straight track.  
 1-Pair No. 1121 Electric Switches.  
 2-No. 1019 Remote control track.  
 1-UTC Lockon. 1-No. 168 Controller.  
 Type "Q" Trainmaster Transformer.  
 Track forms oval 72" by 54". Electric couplers throughout. Freight train is 42" long. Passenger train is 53½" long. Price \$42.75



## Lionel 'O' Gauge

LIONEL "O" gauge is the enthusiastic first choice of boys everywhere because of its accurate, scale-proportioned, fully detailed locomotives; scale model rolling stock; faultless, time-tested, heavy-duty motors and patented, non-derailing switches.

But, even more important, in "O" gauge there are Lionel signals, semaphores, crossing gates, stations, bridges, tunnels and everything needed to assemble a modern, completely equipped railroad system.

"O" gauge locomotives are accurate, authentic copies of real railroad equipment, made from real railroad blueprints. There is no skimping of detail and no crude, unfinished abbreviations. Every pipe or handrail is in its place and every pump, seam or rivet head as clean, sharp and clearly defined as if it were cut with a jeweler's tool.

The word "gauge" is used to indicate the distance between the running rails of track. The word "scale" describes the proportion of the model to the original.

"O" gauge is  $1\frac{1}{4}$  inches. The gauge of real track in America is  $5\frac{1}{2}$  inches. "O" gauge is therefore approximately one forty-eighth actual size—a quarter-inch in the model being equal to a foot in the original. It is commonly called "quarter-inch scale". Eight sections of Lionel "O" gauge track form a circle occupying a space of  $30\frac{1}{4}$  inches square.

*If you have sufficient room for building an "O" gauge railroad with all the loops and switches and sidings you want it to have, then by all means choose "O" gauge. In this catalog are "O" gauge outfits of every type, style and price. There is one to fit your needs—exactly.*

Scale model Lionel 0-6-0 switching engine now equipped with "Magic Electrol," the sensational Lionel invention which permits this locomotive to be individually controlled while operating on the same track with a second train. Also equipped with built-in electric bell.

### LOCOMOTIVE-TENDER OUTFITS

Lionel scale-detailed locomotives are way ahead of the field. There is no match for them, in appearance or performance, at anything near their price. This year add a switching engine with "Magic Electrol" to your system and operate two trains on the same layout at the same time, with individual control of each.

No. 2226EW — Tender has remote control, electric coupler and built-in railroad whistle. For cars of 2600, 2613, 2800, 500, 613 and 800 series. Includes No. 167 whistle-controller. Overall 21 $\frac{1}{4}$  inches. Price \$26.00

No. 2225EW — True to scale in model and actual dimension with built-in whistle and electric coupler on tender. For cars of 2610, 2616 and 610 series. Complete with No. 167 whistle-controller. Overall 17 $\frac{1}{4}$  inches. Price \$17.50

No. 902B — For 2600 series cars. Equipped with electric bell and special couplers which may be actuated on any track any time. 18 $\frac{1}{4}$  overall. Price \$27.50  
No. 903B — Same as No. 902B but for 2800 series cars. Price \$27.50

No. 906B — Similar to No. 902B but with magnetic couplers and "Magic Electrol" for control of two trains on same layout. Price \$26.50  
No. 907B — Same as No. 906B but for 2800 series cars. Price \$26.50

No. 2224EW — Tender has electric coupler and built-in remote control whistle. For cars with cars of the 2610, 2600 and 600 series. Outfit includes No. 167 whistle-controller. Measures overall, 17 $\frac{1}{4}$  inches long. Price \$15.00

No. 905B — "Magic Electrol" operates two trains on same layout. Electric bell. Electric couplers on pilot and tenders. For 2600 cars. 16 $\frac{1}{4}$  overall. Complete with controller. Price \$30.50  
No. 905 — Without bell. Price \$18.75

No. 2229EW — Locomotive is die-cast with scale model accuracy. Tender has whistle and electric coupler. For cars of 2640, 2660 and 600 series. Outfit includes No. 167X whistle-controller. Overall 16 inches. Price \$13.25

Commodore Vanderbilt Locomotive and tender with electric coupler. Pressed steel construction. Enamel finish. Overall 17 inches long. Sold only in Outfit No. 11. See Page 20

New Lionel O-6-O switching engine equipped with Magic Electric the sensational Lionel invention which permits locomotives to be individually controlled while operating on the same track circuit with any second train. Available with or without built-in, electrically operated switching engine bell. Electro-magnetic couplers are built into the pilot and tender.



HURRAH FOR CHRISTMAS!  
NOW WE'RE A REAL  
MODEL RAILROAD CLUB



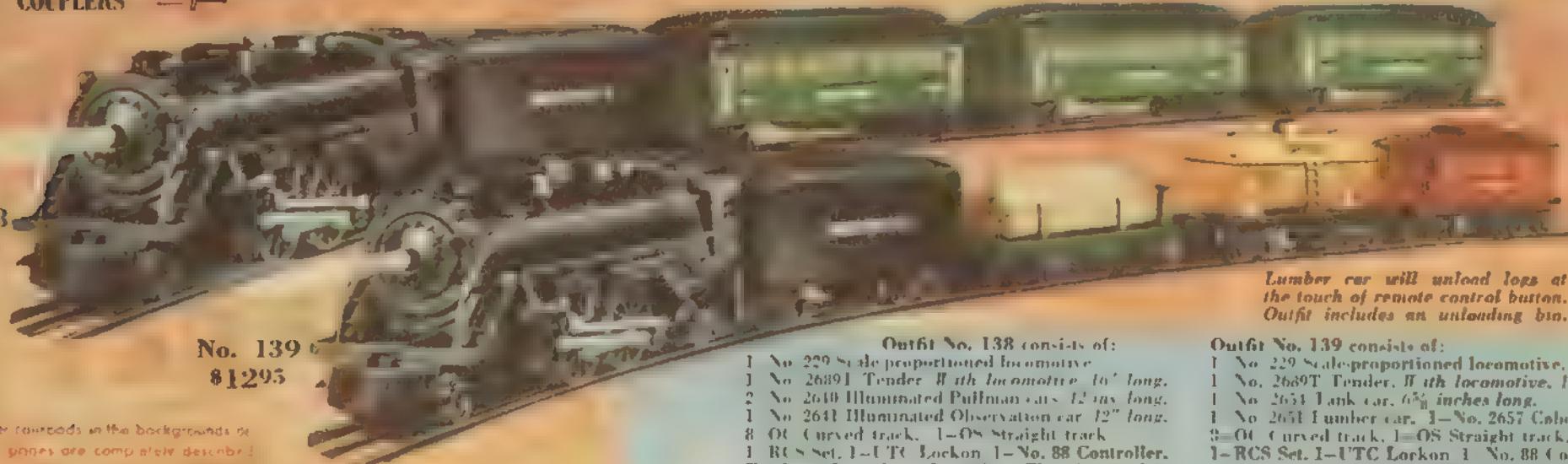
Framework for track in the clubrooms of the New York Society of Model Engineers—world-famous radio model railroad organization.

### Would You Like to Join a Railroad Club?

Boys everywhere are organizing miniature railroad clubs—in schools, at Y.M.C.A.'s, Churches, etc.—in order to be able to operate their trains on larger, more elaborate track layouts with real railroad rules and practices, with trains running on timetables, with regular appointed dispatcher, yardmaster, towermen and engineers. With a teacher or adult sponsor it's easy to organize a club and increases tremendously the fun of owning a train. Lionel has printed a special book on Model Railroads which tells how successful boy railroad clubs have been formed and maintained. A copy will be sent free.



No. 138  
\$13.75



Other railroads in the backgrounds of these pages are completely described in the 26-724 Buyers Handbook.

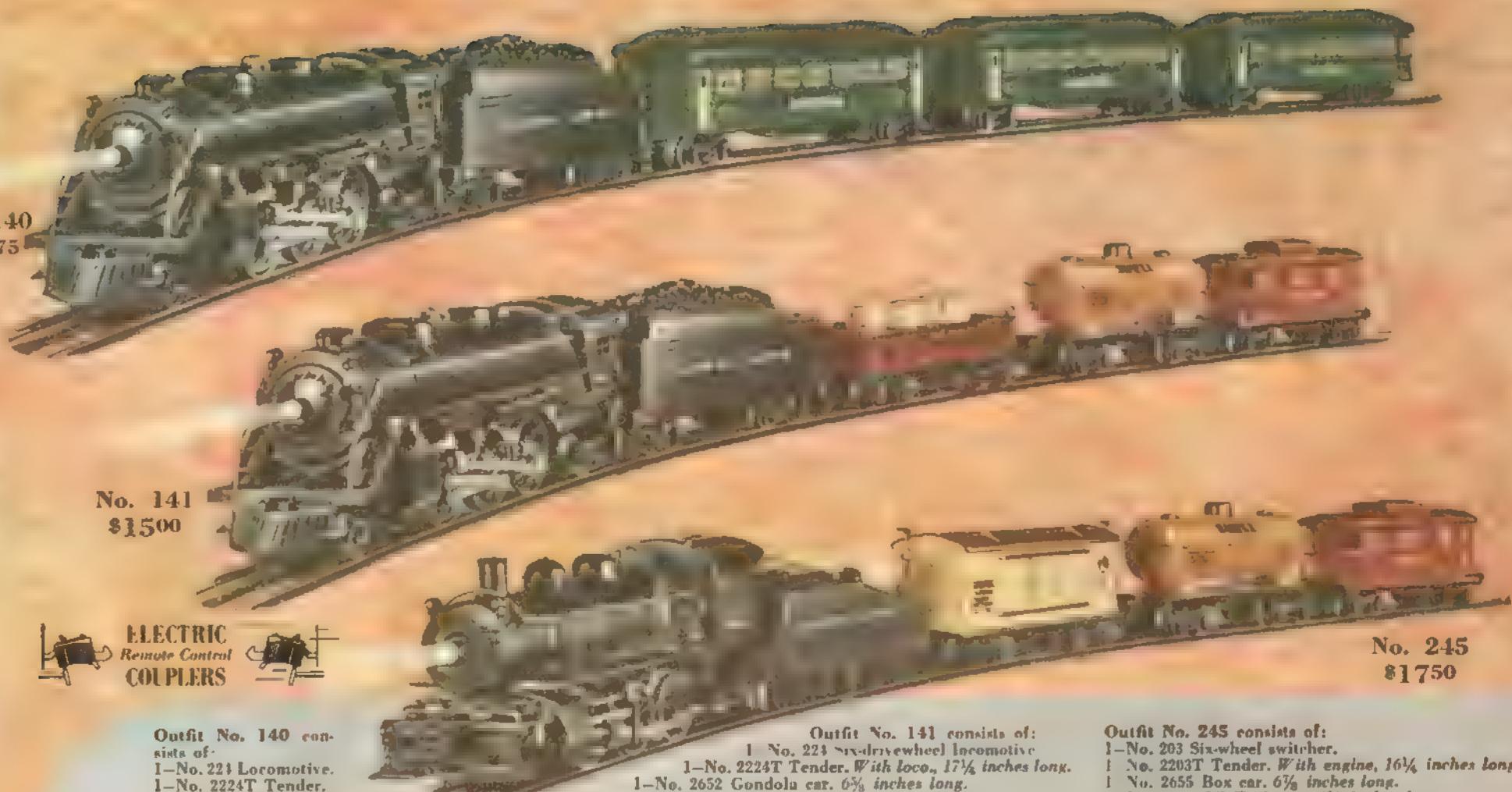
Outfit No. 135 consists of:  
 1 No. 265 Locomotive.  
 1 No. 2251 Tender, *With* locomotive, 17' long.  
 1 No. 2651 Tank car, 6 $\frac{1}{2}$  inches long.  
 1 No. 2652 Gondola car, 6 $\frac{1}{2}$  inches long.  
 1 No. 2657 Caboose, 6 $\frac{1}{2}$  inches long.  
 8 OC Curved track, 3 OS Straight track.  
 1 RCS Set, 1-UTC Lorkon, 1-No. 88 Controller.  
 1 Type "W", 75-watt, transformer.  
 Tender and all cars have electric couplers. Train is 42 $\frac{1}{2}$  inches long. Price \$12.95

Outfit No. 267 consists of:  
 1 No. 616 Illuminated Power car.  
 2 No. 617 Illuminated coaches.  
 1 No. 618 Illuminated Observation car.  
 1 OC Curved track, 3 OS Straight track.  
 1 UTC Lorkon, 1-No. 88 Controller.  
 Track supplied forms an oval 51 $\frac{1}{2}$  by 30 $\frac{1}{2}$  inches. Train is 42 inches long. Price \$12.50

Outfit No. 267W. Same as No. 267, but with Built-in Whistle and No. 167 Controller. Price \$16.50

Outfit No. 138 consists of:  
 1 No. 229 Scale-proportioned locomotive.  
 1 No. 26891 Tender, *With* locomotive, 16' long.  
 2 No. 2610 Illuminated Pullman cars, 12" max. long.  
 1 No. 2641 Illuminated Observation car, 12" long.  
 8 OC Curved track, 1-OS Straight track.  
 1 RCS Set, 1-UTC Lorkon, 1-No. 88 Controller.  
 Track oval, 41 by 30 $\frac{1}{2}$  inches. Electric couplers throughout. Train is 51 $\frac{1}{2}$  in. long. Price \$13.75  
 Outfit No. 138W. Same as No. 138, but with Built-in Whistle and No. 167X Controller. Price \$17.50

Outfit No. 139 consists of:  
 1 No. 229 Scale-proportioned locomotive.  
 1 No. 26891 Tender, *With* locomotive, 16' long.  
 1 No. 2651 Tank car, 6 $\frac{1}{2}$  inches long.  
 1 No. 2657 Lumber car, 1-No. 2657 Caboose.  
 3 OC Curved track, 1-OS Straight track.  
 1 RCS Set, 1-UTC Lorkon, 1-No. 88 Controller.  
 Track oval, 41 by 30 $\frac{1}{2}$  inches. Electric couplers throughout. Train is 42 $\frac{1}{2}$  in. long. Price \$12.95  
 No. 139W. Same with Whistle Equipment and No. 167X Controller. Price \$16.75



Outfit No. 140 consists of:  
1-No. 221 Locomotive.  
1-No. 222T Tender.  
2-No. 2640 Illuminated Pullmans. 12 ins. long.  
1-No. 2641 Illuminated Observation car. 12 inches long.  
8-Sections of OC Curved track.  
3-OS Straight track.  
1-RCS Track set. 1-UTC Lockon. 1-No. 88 Controller.  
Track supplied forms an oval 51 $\frac{1}{2}$  by 30 $\frac{1}{2}$  inches. Tender and all cars have electric couplers. Train is 53 inches long.  
Price \$16.75

Outfit No. 140W—Same, but with Built-in Whistle and No. 167 Whistle Controller. Price \$20.50

Outfit No. 141 consists of:  
1-No. 2224T Tender. With loco. 17 $\frac{1}{4}$  inches long.  
1-No. 2652 Gondola car. 6 $\frac{1}{2}$  inches long.  
1-No. 2654 Oil Tank car. 6 $\frac{1}{2}$  inches long.  
1-No. 2657 Caboose. 6 $\frac{1}{2}$  inches long.  
8-Sections of OC Curved track.  
3-Sections of OS Straight track.  
1-RCS Track set. 1-UTC Lockon. 1-No. 88 Controller.  
Track supplied forms an oval 51 $\frac{1}{2}$  by 30 $\frac{1}{2}$  inches. Tender and all cars have electric couplers. Train is 44 inches long.  
Price \$15.00

Outfit No. 141W—Same as No. 141, but with Built-in Whistle and No. 167 Whistle Controller. Price \$18.75

Outfit No. 245 consists of:  
1-No. 203 Six-wheel switcher.  
1-No. 2203T Tender. With engine. 16 $\frac{1}{4}$  inches long.  
1-No. 2655 Box car. 6 $\frac{1}{2}$  inches long.  
1-No. 2654 Oil Tank car. 6 $\frac{1}{2}$  inches long.  
1-No. 2657X Caboose. 6 $\frac{1}{2}$  inches long.  
8-Sections of OC Curved track.  
5-Sections of OS Straight track.  
1-RCS Track set.  
1-UTC Lockon.  
1-No. 88 Reversing Controller.  
Track supplied forms an oval 61 $\frac{1}{2}$  by 30 $\frac{1}{2}$  inches. Tender and all cars have electric couplers. Train is 41 $\frac{1}{2}$  inches long.  
Price \$17.50

Outfit No. 245B—Same as No. 245, but with Built-in Electrically Operated Switching Engine Bell.

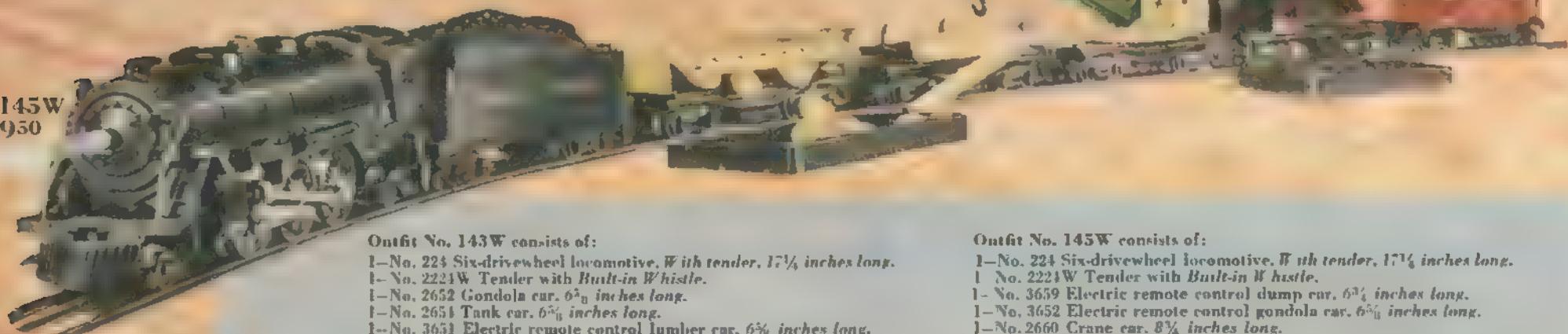
## NEW, HEAVY-DUTY FAST-FREIGHT

No. 143W  
82175



*Lumber car unloads logs by electric remote control.*

No. 145W  
82950



### Outfit No. 143W consists of:

- 1-No. 224 Six-drivewheel locomotive, W with tender, 17 $\frac{1}{4}$  inches long.
- 1-No. 2221W Tender with Built-in Whistle.
- 1-No. 2652 Gondola car, 6 $\frac{1}{2}$  inches long.
- 1-No. 2651 Tank car, 6 $\frac{1}{2}$  inches long.
- 1-No. 3651 Electric remote control Lumber car, 6 $\frac{1}{2}$  inches long.
- 1-No. 2657 Caboose, 6 $\frac{1}{2}$  inches long.
- 1-No. 160 Unloading bin.
- 8-Sections of OC Curved track.
- 3-Sections of OS Straight track.
- 1-RGS Track set, 1-UTC Lockon.
- 1-No. 167 Whistle Controller.

Track supplied forms an oval 51 $\frac{1}{4}$  by 30 $\frac{1}{2}$  inches. Tender and all cars have electric couplers. Train is 52 $\frac{1}{4}$  inches long. Price \$21.75



### Outfit No. 145W consists of:

- 1-No. 224 Six-drivewheel locomotive, W with tender, 17 $\frac{1}{4}$  inches long.
- 1-No. 2221W Tender with Built-in W whistle.
- 1-No. 3659 Electric remote control dump car, 6 $\frac{1}{4}$  inches long.
- 1-No. 3652 Electric remote control gondola car, 6 $\frac{1}{2}$  inches long.
- 1-No. 2660 Crane car, 8 $\frac{1}{4}$  inches long.
- 1-No. 3651 Electric remote control lumber car, 6 $\frac{1}{2}$  inches long.
- 1-No. 2657 Caboose, 6 $\frac{1}{2}$  inches long.
- 8-Sections of OC Curved track.
- 3-Sections of OS Straight track.
- 1-RGS Track set, 1-TC Lockon.
- 1-No. 167 Whistle Controller, 3-No. 160 Unloading bins.

Track supplied forms an oval 51 $\frac{1}{4}$  by 30 $\frac{1}{2}$  inches. Tender and all cars have electric couplers. Train is 60 $\frac{1}{4}$  inches long. Price \$29.50



No. 146W  
\$23.95

Floodlight can be revolved  
and moved up or down to  
shine light in any direction.

Cars are fitted with interior  
lights and removable roofs.

No. 149W  
\$27.50

At touch of a remote control  
button, dump car tilts, un-  
loading its contents into bin.

No. 247W  
\$23.95

Lumber car unloads logs  
electrically. Unloading bin is  
included in outfit.

Outfit No. 146W  
consists of:

- 1-No. 225 Locomotive.
- 1-No. 224SW Tender. Built-in Whistle.
- 1-No. 2602 Illuminated Baggage car. 9 $\frac{1}{8}$ " long.
- 1-No. 2600 Illuminated Pullman car. 9 $\frac{1}{8}$ " long.
- 1-No. 2601 Illuminated Observation. 9 $\frac{1}{8}$ " long.
- 8-Sections of OC Curved track.
- 3-Sections of OS Straight track.
- 1-RCS Track set. 1-UTC Lockon.
- 1-No. 167 Whistle Controller.

Track supplied forms an oval 51 $\frac{1}{8}$  by 30 $\frac{1}{8}$   
inches. Tender and all cars have electric  
couplers. Train is 51 $\frac{1}{8}$  inches long. Price \$23.95

Outfit No. 149W consists of:

- 1-No. 225 Six-drivewheel locomotive.
- 1-No. 223SW Tender with Built-in Whistle.
- 1-No. 2620 Floodlight car. 6 $\frac{1}{8}$  inches long.
- 1-No. 3659 Electric dump car. 6 $\frac{1}{8}$  inches long.
- 1-No. 2654 Tank car. 6 $\frac{1}{8}$  inches long.
- 1-No. 2657 Caboose. 6 $\frac{1}{8}$  inches long.
- 1-No. 160 Unloading bin.
- 8-Sections of OC Curved track.
- 3-Sections of OS Straight track.
- 1-RCS Track set. 1-UTC Lockon.
- 1-No. 167 Whistle Controller.

Track supplied forms an oval 51 $\frac{1}{8}$  by 30 $\frac{1}{8}$   
inches. Tender and all cars have electric  
couplers. Train is 52 $\frac{1}{8}$  inches long. Price \$27.50

- 1-No. 225 Six-drivewheel locomotive.
- 1-No. 223SW Tender with Built-in Whistle.
- 1-No. 2653 Coal car. 6 $\frac{1}{8}$  inches long.
- 1-No. 3651 Electric lumber car. 6 $\frac{1}{8}$  inches long.
- 1-No. 2656 Cattle car. 6 $\frac{1}{8}$  inches long.
- 1-No. 2657 Caboose. 6 $\frac{1}{8}$  inches long.
- 1-No. 160 Unloading bin.
- 8-Sections of OC Curved track.
- 3-Sections of OS Straight track.
- 1-RCS Track set. 1-UTC Lockon.
- 1-No. 167 Whistle Controller.

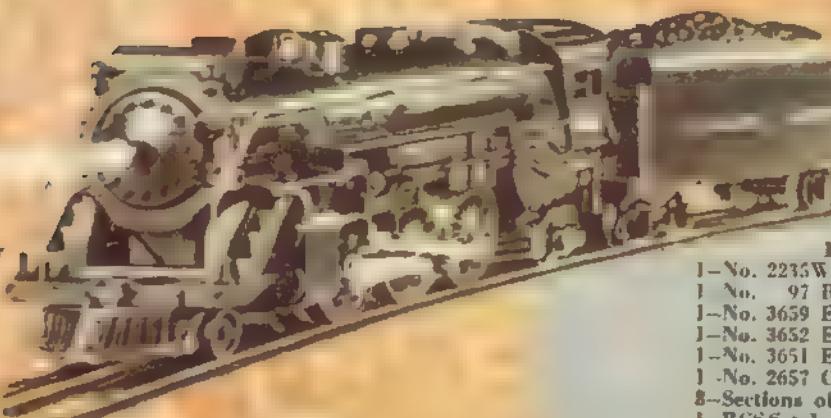
Track supplied forms an oval 51 $\frac{1}{8}$  by 30 $\frac{1}{8}$   
inches. Tender and all cars have electric  
couplers. Train is 52 $\frac{1}{8}$  inches long. Price \$23.95



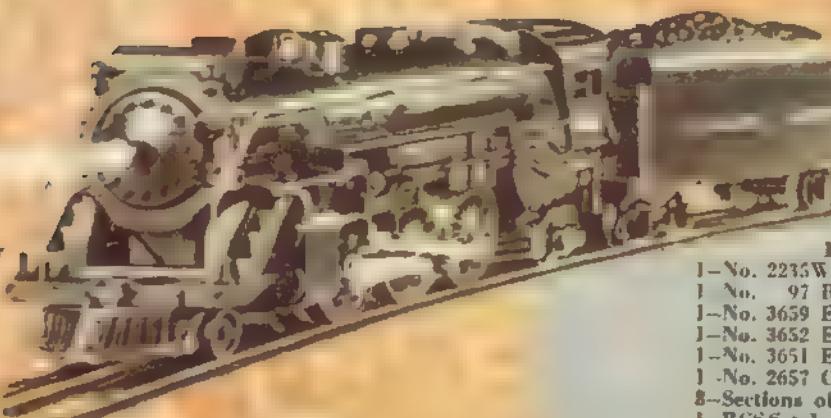
## NEW, ALL-ELECTRIC FREIGHT OUTFITS

Scale Detailed Locomotives with Remote Control Cars

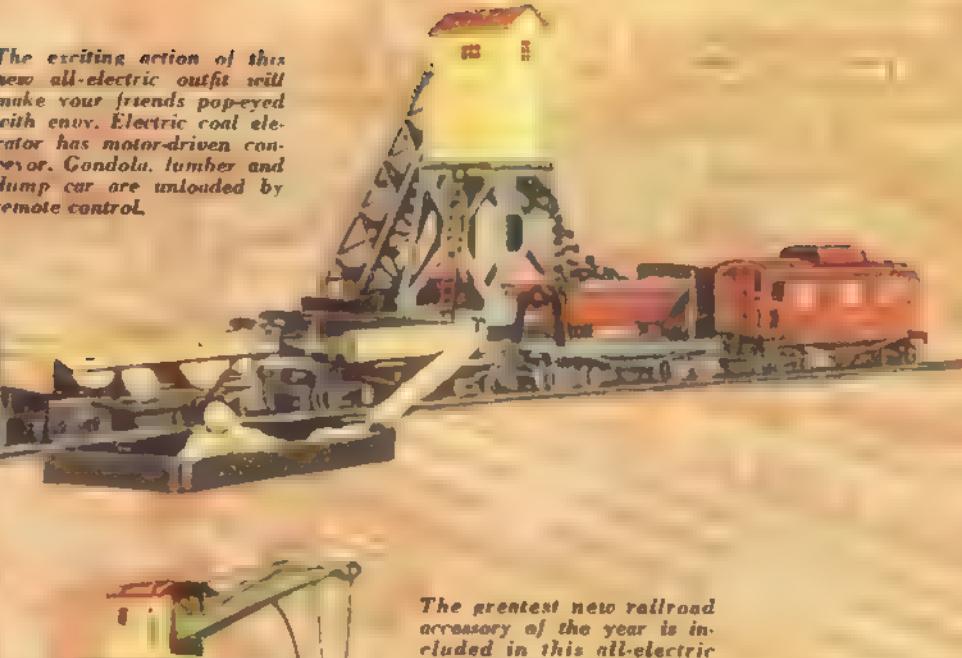
No. 131W  
\$3250



No. 269W  
\$2950



The exciting action of this new all-electric outfit will make your friends popeyed with envy. Electric coal elevator has motor-driven conveyor. Gondola, lumber and dump car are unloaded by remote control.



### Outfit No. 131W consists of:

- 1-No. 225 Six-drivewheel locomotive.
- 1-No. 2235W Tender with Built-in W whistle.
- 1-No. 97 Remote control Coal Elevator.
- 1-No. 3659 Electric Dump car, 6 $\frac{1}{2}$  inches long.
- 1-No. 3652 Electric Gondola car, 6 $\frac{1}{2}$  inches long.
- 1-No. 3651 Electric Lumber car, 6 $\frac{1}{2}$  inches long.
- 1-No. 2657 Caboose, 6 $\frac{1}{2}$  inches long.
- 8-Sections of OC Curved track, 3-OS Straight track.
- 1-RCS Set, 1-UTC Lockon, 1-No. 167 Whistle Controller.
- 3-No. 160 Unloading bins.

Tender and all cars have electric couplers. Train is 51 $\frac{1}{2}$  inches long. Track supplied forms an oval 51 $\frac{1}{2}$  by 30 inches.

Price \$32.50

### Outfit No. 269W consists of:

- 1-No. 225 Six-drivewheel locomotive, W with tender, 17 $\frac{1}{2}$  inches long.
- 1-No. 2235W Tender with Built-in W whistle.
- 1-No. 3651 Electric Lumber car, 6 $\frac{1}{2}$  inches long.
- 2-No. 2652 Gondola cars, 6 $\frac{1}{2}$  inches long.
- 1-No. 2657 Caboose, 6 $\frac{1}{2}$  inches long.
- 1-No. 165 Electric remote control Crane.
- 8-Sections of OC Curved track.
- 3-Sections of OS Straight track.
- 1-RCS Set, 1-UTC Lockon, 1-No. 167 Whistle Controller.
- 2-No. 160 Unloading bins.

Tender and all cars have electric couplers. Train is 52 $\frac{1}{2}$  inches long. Track supplied forms an oval 51 $\frac{1}{2}$  by 30 inches.

Price \$29.50

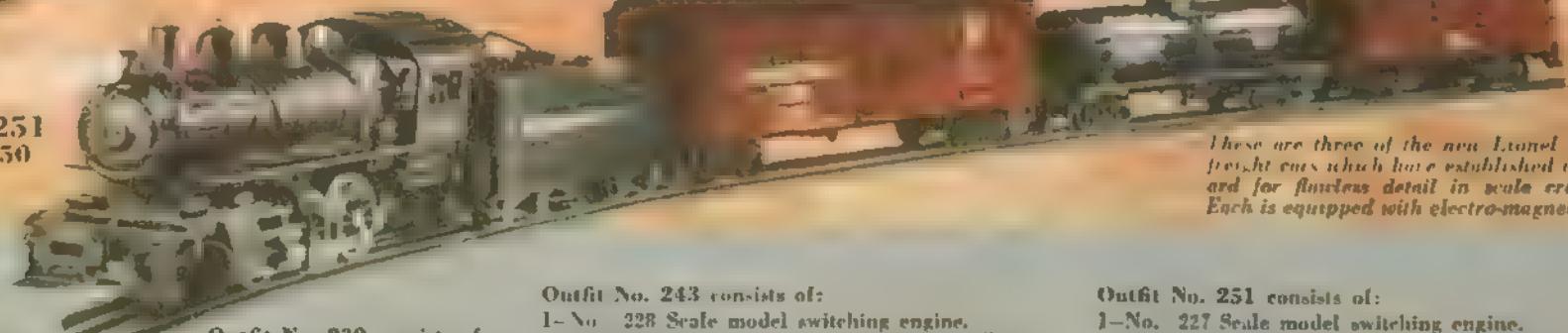
No. 239  
\$29.50



No. 243  
\$33.50



No. 251  
\$37.50



**Outfit No. 239 consists of:**  
 1-No. 227 Switching engine. 1-No. 222T Tender.  
 1-No. 2652 Gondola car, 6 $\frac{1}{2}$  inches long.  
 1-No. 2656 Cattle car, 6 $\frac{1}{2}$  inches long.  
 1-No. 2657A Caboose, 6 $\frac{1}{2}$  inches long.  
 3-OC Curved track. 3-OS Straight track.  
 RCS Track set. UTC Lockon. No. 169 Controller.  
 Engine, tender and all cars have electric couplers.  
 Train is 40 $\frac{1}{2}$  inches long. Track supplied forms an oval 51 $\frac{1}{2}$  by 30 $\frac{1}{2}$  inches. Price \$29.50

No. 239B—Same, with Built-in Electric Bell, \$33.50

#### Outfit No. 243 consists of:

1-No. 228 Scale model switching engine.  
 1-No. 222T Tender. Loco. and tender 18 $\frac{1}{4}$  inches long.  
 1-No. 2815 Tank car, 8 $\frac{1}{2}$  inches long.  
 1-No. 3813 Electric Merchandise car, 8 $\frac{1}{2}$  in. long.  
 1-No. 2817 Caboose, 8 $\frac{1}{2}$  inches long.  
 3-OC Curved track. 3-OS Straight track.  
 1-RCS Track set. 1-UTC Lockon.  
 1-No. 169 Uncoupling and reversing controller.  
 Engine, tender and all cars have electric couplers.  
 Train is 39 $\frac{1}{2}$  inches long. Track supplied forms an oval 51 $\frac{1}{2}$  by 30 $\frac{1}{2}$  inches. Price \$33.50

No. 243B—Same, with Built-in Electric Bell, \$37.50

## SCALE MODEL SUPER-DETAILED YARD GOATS

Never has a switching engine been built with such fidelity of detail. This die-cast 0-6-0 Lionel masterpiece contains worm gear drive, electric pilot coupler, steel tires, sloping-back tender and buck-up headlight.



Box car can actually make deliveries of freight by remote control. At touch of button, box car door opens, miniature packing cases are ejected and door closes automatically.



These are three of the new Lionel scale model freight cars which have established a new standard for flawless detail in scale craftsmanship. Each is equipped with electro-magnetic couplers.

#### Outfit No. 251 consists of:

1-No. 227 Scale model switching engine.  
 1-No. 222T Tender. Loco. and tender 18 $\frac{1}{4}$  inches long.  
 1-No. 2954 Scale Box car, 10 $\frac{1}{2}$  inches long.  
 1-No. 2955 Scale Tank car, 9 $\frac{1}{2}$  inches long.  
 1-No. 2957 Illuminated Scale Caboose, 9 in. long.  
 3-OC Curved track. 3-OS Straight track.  
 1-RCS Track set. 1-UTC Lockon.  
 1-No. 169 Uncoupling and reversing controller.  
 Engine, tender and all cars have electric couplers.  
 Train is 50 $\frac{1}{2}$  inches long. Track supplied forms an oval 51 $\frac{1}{2}$  by 30 $\frac{1}{2}$  inches. Price \$37.50

No. 251B—Same, with Built-in Electric Bell, \$41.50



*Obsolete scale model freight cars  
with electro-magnetic couplers.*

No. 291W  
\$32.50



*Illuminated passenger cars with re-  
moveable roofs and electro-magnetic  
couplers.*

No. 190W  
\$29.50



*By remote control, logs are un-  
loaded into bin which is supplied  
with outfit.*

No. 261W  
\$28.50



No. 291W consists of:  
1-No. 226 locomotive.  
1-No. 2226WX Tender with Whistle.  
1-No. 2935 Scale Tank car, 9½ in. long.  
1-No. 2937 Scale Caboose, 9 in. long.  
1-No. 2951 Scale Box car, 10¾ in. long.  
8 Sections of OC Curved track.  
7 Sections of OS Straight track.  
1 RCS Track set, 1-UTC Lockon.  
1-No. 167 Whistle Controller.  
Tender and all cars have electric couplers. Caboose is illuminated. Train is 55 inches long. Track supplied forms an oval 71½ by 30¾ inches. Price \$32.50

Outfit No. 190W consists of:  
1-No. 226 Six-drivewheel locomotive.  
1-No. 2226W Tender, Built-in Whistle.  
1-No. 2615 Baggage car, 10½ in. long.  
1-No. 2613 Pullman car, 10½ in. long.  
1-No. 2614 Observation car.  
8 Sections of OC Curved track.  
3 Sections of OS Straight track.  
1-RCS Track set, 1-UTC Lockon.  
1-No. 167 Whistle Controller.  
Tender and all cars have electric couplers. All cars have interior illumination. Train is 56¼ inches. Track forms an oval 51½ by 30¾ inches. Price \$29.50

Outfit No. 261W consists of:  
1-No. 226 Six-drivewheel locomotive.  
1-No. 2226W Tender, Built-in Whistle.  
1-No. 2816 Hopper car, 8½ in. long.  
1-No. 3811 Electric Lumber car.  
1-No. 2817 Caboose, 8½ inches long.  
8 Sections of OC Curved track.  
3 Sections of OS Straight track.  
1-RCS Track set, 1-UTC Lockon.  
1-No. 167 Whistle Controller.  
Tender and all cars have electric couplers. Train is 54¾ inches long. Track supplied forms an oval 51½ by 30¾ inches. Price \$28.50

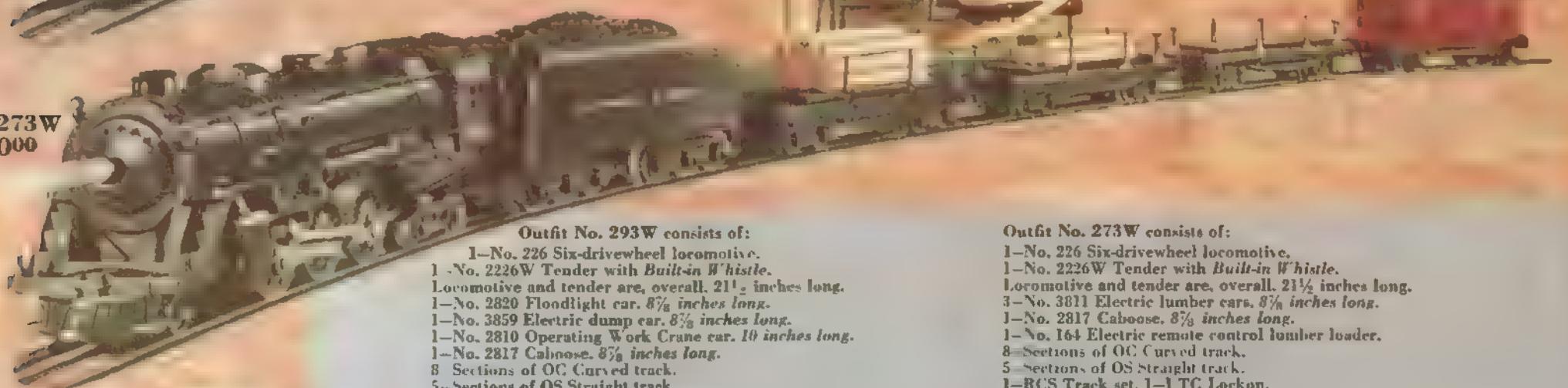
## SCALE DETAILED 2-6-4 ENGINES

With this great, 21-inch Lionel king-of-the-rails in operation on your pike, you'll be the envy of every model railroader you know! It's got enough drawbar pull to whisk away the heaviest drags and sing up the toughest grades.

No. 293W  
\$3850



No. 273W  
\$4000



### Outfit No. 293W consists of:

- 1—No. 226 Six-drivewheel locomotive.
- 1—No. 2226W Tender with *Built-in Whistle*.  
Locomotive and tender are, overall,  $21\frac{1}{2}$  inches long.
- 1—No. 2820 Floodlight car,  $8\frac{1}{2}$  inches long.
- 1—No. 3859 Electric dump car,  $8\frac{1}{2}$  inches long.
- 1—No. 2810 Operating Work Crane car, 10 inches long.
- 1—No. 2817 Caboose,  $8\frac{1}{2}$  inches long.
- 8 Sections of OC Curved track.
- 5 Sections of OS Straight track.
- 1—RCS Track set, 1—UTC Lockon.
- 1—No. 167 Whistle Controller.
- 1—No. 160 Unloading Bin.

Track supplied forms an oval  $61\frac{1}{2}$  by  $30\frac{1}{2}$  inches. Tender and all cars have electric couplers. Train is 65 inches long. Price \$38.50



Dump car is tilted by remote control. Floodlights can be adjusted to any angle. Crane can be raised or lowered and turned from side to side.



Illuminated loading platform fills cars with logs by electric, remote control. All three cars may be unloaded at the touch of a button.

### Outfit No. 273W consists of:

- 1—No. 226 Six-drivewheel locomotive.
- 1—No. 2226W Tender with *Built-in Whistle*.  
Locomotive and tender are, overall,  $21\frac{1}{2}$  inches long.
- 3—No. 3811 Electric lumber cars,  $8\frac{1}{2}$  inches long.
- 1—No. 2817 Caboose,  $8\frac{1}{2}$  inches long.
- 1—No. 164 Electric remote control lumber loader.
- 8 Sections of OC Curved track.
- 5 Sections of OS Straight track.
- 1—RCS Track set, 1—UTC Lockon.
- 1—No. 167 Whistle Controller.
- 3—No. 160 Unloading Bins.

Track supplied forms an oval  $61\frac{1}{2}$  by  $30\frac{1}{2}$  inches. Tender and all cars have electric couplers. A large supply of miniature logs is included in this logging outfit. Train is 64 inches long. Price \$40.00



## Lionel 'O-72' Series

LIONEL "O-72" Series trains are "O" gauge, quarter-inch scale models. The track on which they operate differs from other "O" gauge track in that its curved sections form a larger circle, which measures 72 inches in diameter. Both straight and curved track are also more realistic because they contain many closely spaced black ties.

There are two different types of "O-72" track. One has the regular, plated, tubular rail which is rolled into shape. The other type has rail which is solid steel and is accurately drawn into the conventional railroad T. Solid rail track is joined, one section to the next, by bolts and fish plates.

All "O-72" trains except Outfit Nos. 709W, 707W

and 705 are equipped with tubular track. Nos. 709W, 707W and 705 include solid steel-rail track. Locomotive Nos. 700EW and 708 are made for operation on solid steel-rail track.

Streamline cars and all locomotives in the "O-72" series are strictly true-to-scale. Their very long wheel base prevents their operation over the sharp curves of regular "O" gauge track.

All accessories that are suitable for use with "O" gauge trains may, of course, be used with "O-72" series trains. For additional cars, refer to Pages 43, 44, 45 and 46.

Both tubular and solid steel rail "O-72" track, switches and crossovers are illustrated on Page 49.

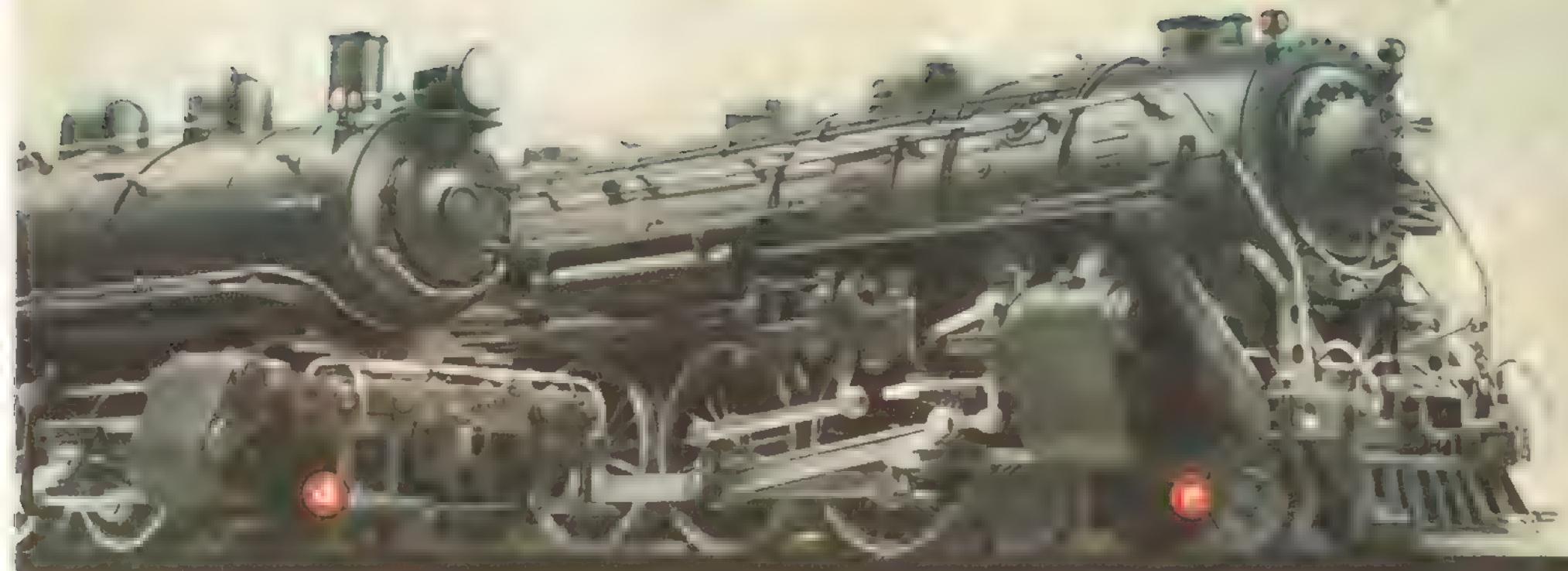
**No. 2250EW Locomotive-Tender Outfit** Streamlined paragon of the Milwaukee Road's fleet. Accurate and highly detailed outfit has four six-wheel locomotive wheels. For use on "O-72" track with 603, 613, 2000 and 400 series locomotive and tender. 21 $\frac{1}{2}$  inches long. Whistle controller included. Price \$25.75

**No. 732W Power Car Outfit** Accurate scale model reproduction of the famous Milwaukee Road's streamlined "Liner" power car. Equipped with double reduction main gears and built-in whistle. Extra with motor. Ten-inch headlight. Complete with whistle controller. Price \$12.25

**No. 2763EWX Locomotive-Tender Outfit** Scale model die cast Hudson locomotive with oil-type tender. Worm gear driven. For use only on "O-72" track with cars 76 x 63. 200 and 400 series locomotive and tender. Overall measures 24 $\frac{1}{2}$  inches. Outfit includes whistle controller. Price \$48.25

**No. 708 Switching Engine-Tender Outfit** Described in detail with complete pictures on Page 35, this scale model, worm-driven Pennsylvania Railroad 0-6-0 switching engine is one of the finest reproductions Lionel has ever built. Turn to Page 35 now and read all about it. Price \$35.00

**No. 7002W Hudson Locomotive-Tender Outfit** A complete description and picture of this monarch of the rails appear on Page 36. Available two ways in easily assembled kits, and as a finished masterpiece, driven through a worm gear, equipped with a built-in whistle and ready for use on "O-72" solid rail only. Equipped with scale couplers. Price \$65.00



### THESE MASTER CRAFTSMEN ARE WORKING FOR YOU

When you make Lionel Headquarters the source of supply for your miniature railroad system, you engage the services of a long-experienced group of master craftsmen, engineers and technicians who, with consummate skill, are able to keep the equipment on your railroad the finest in all the world. On this page are several pictures of these men at work in the Lionel plant — following real railroad

specifications for the construction of Lionel models — checking preliminary die castings to maintain tolerances of less than five ten-thousandths of an inch — moulding first models in plaster to double-check requisitions for patterns and dies — producing Lionel Trains on ultra-modern, high speed presses and casting machines. It's a combination of machinery, skill, craftsmanship and gray-matter that's invincible.



No. 755W  
\$3250



No. 758W  
\$2500



**Outfit No. 755W consists of:**

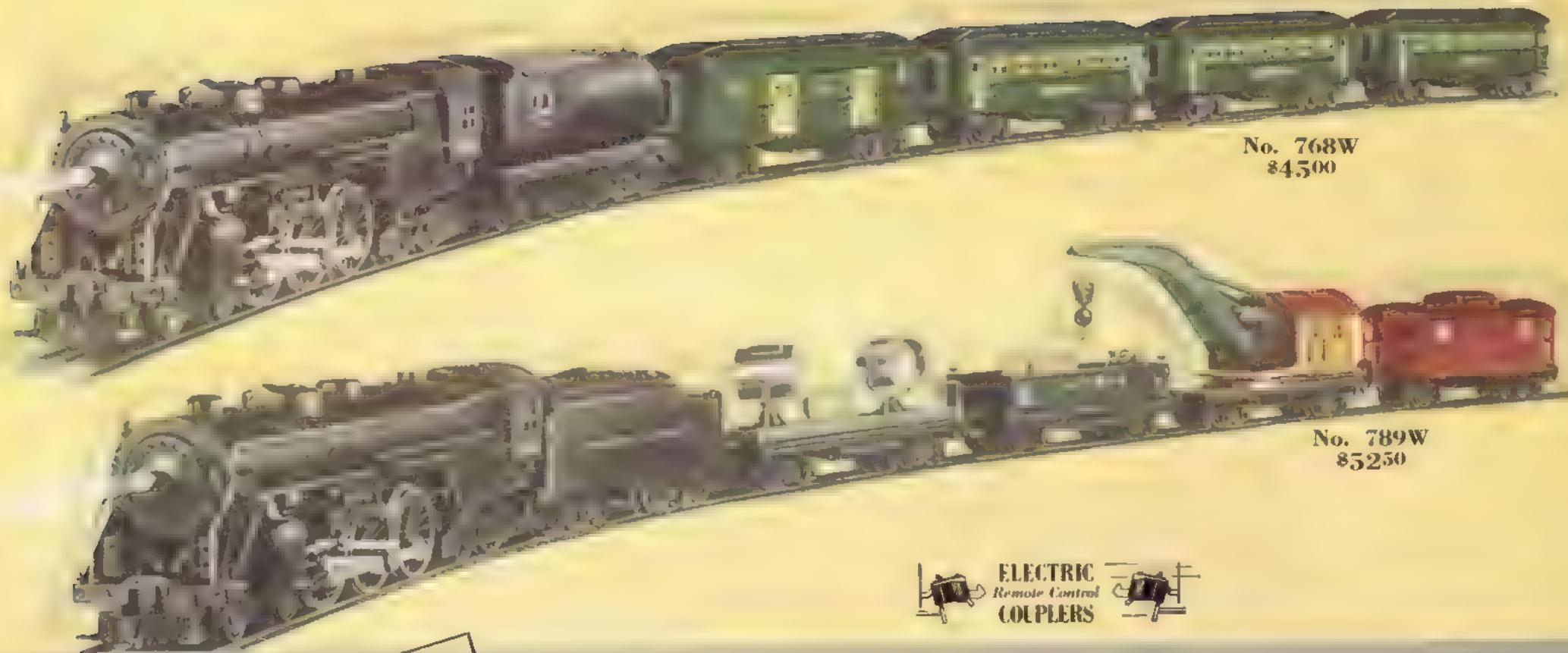
- 1-No. 250 Hiawatha streamline locomotive.
- 1-No. 250WX Tender.
- 1-No. 782 Illuminated Pullman car.  $16\frac{1}{4}$  inches long.
- 1-No. 783 Illuminated coach.  $13\frac{3}{4}$  inches long.
- 1-No. 784 Illuminated Observation car.  $15\frac{1}{2}$  inches long.
- 16-Sections of No. 761 Curved track.
- 4-Sections of No. 762 Straight track.
- 1-UTC Lockon.
- 1-No. 167 Whistle Controller.

Fast twin-city express of the Milwaukee Railroad, accurately reproduced. Track supplied forms an oval  $103\frac{1}{4}$  by  $74\frac{1}{4}$  inches. Train is  $65\frac{1}{2}$  inches long. Price \$32.50

**Outfit No. 758W consists of:**

- 1-No. 752W Power car.  $16\frac{1}{4}$  inches long.
- 2-No. 753 Illuminated Coaches including vestibule which contain four-wheel trucks.  $13\frac{1}{2}$  inches long.
- 1-No. 754 Illuminated Observation car.  $15\frac{1}{2}$  inches long.
- 1-No. 167 Whistle Controller.
- 16-Sections of No. 761 Curved track.
- 4-Sections of No. 762 Straight track.
- 1-UTC Lockon.

Scale model reproduction of the Union Pacific Railroad's famous, million-dollar streamlined speed wizard. Track supplied forms an oval  $103\frac{1}{4}$  by  $74\frac{1}{4}$  inches. Train is  $60\frac{1}{2}$  inches long. Price \$25.00



No. 768W  
\$45.00

No. 789W  
\$52.50



ELECTRIC  
*Remote Control*  
COUPLERS

### REALISTIC RAILROAD COUPLERS

No hook or twisted band of metal holds one train car to another—but a realistically fashioned railroad car may be coupled so ingeniously—on either straight or curved track. But that's not all. Only Lionel can give you the exciting action of built-in Electro-Magnetic Couplers which uncouple by remote control. Remember that!

#### Outfit No. 768W consists of:

- 1—No. 763 Scale model locomotive.
- 1—No. 2263W Tender with Built-in Whistle.
- 1—No. 2615 Illuminated Baggage car, 10 $\frac{1}{4}$  inches long.
- 2—No. 2613 Illuminated Pullman car, 10 $\frac{1}{4}$  inches long.
- 1—No. 2614 Illuminated Observation car, 10 $\frac{1}{4}$  inches long.
- 16—Sections of No. 761 Curved track.
- 2—Sections of No. 762 Straight track.
- 1—Section of OS Straight track.
- 1—R.C.S. Track set, 1—TC, Lockon.
- 1—No. 167 Whistle Controller.

With its four long, illuminated, electric-coupler-cars and scale model locomotive, this is one of the year's best buys. Track supplied forms an oval 98 $\frac{1}{2}$  by 74 $\frac{1}{4}$  inches. Tender and all cars have electric couplers. Train is 68 $\frac{3}{4}$  inches long.

Price \$45.00

#### Outfit No. 789W consists of:

- 1—No. 763 Scale model locomotive.
- 1—No. 2226W Tender with Built-in Whistle.
- 1—No. 2820 Floodlight car, 8 $\frac{1}{2}$  inches long.
- 1—No. 2812 Gondola with tools, 8 $\frac{1}{2}$  inches long.
- 1—No. 812T Tool set.
- 1—No. 2810 Operating Work Crane car, 10 inches long.
- 1—No. 2817 Caboose, 8 $\frac{1}{2}$  inches long.
- 16—Sections of No. 761 Curved track.
- 2—Sections of No. 762 Straight track.
- 1—Section of OS Straight track.
- 1—R.C.S. Track set, 1—TC, Lockon.
- 1—No. 167 Whistle Controller.

Track supplied forms an oval 98 $\frac{1}{2}$  by 74 $\frac{1}{4}$  inches. Tender and all cars have electric couplers. Train is 67 $\frac{1}{4}$  inches long.

Price \$52.50



No. 787W  
\$47.50



No. 705  
\$70.00

### Dictionary of Railroad Slang

- DRAIG—A slow freight train.
- SNAKE—To zig-zag train through switches.
- HOG—A steam locomotive.
- GO AT—A switching locomotive.
- BOGGER—The locomotive engineer.
- PIKE—A railroad system.
- CORNFIELD M.F.E.L.—Head on collision.
- HIGH BALL—To ahead signal.
- HIGH IRON—The mainline tracks.
- BED BALL—A fast freight train.
- SIDE DOOR PULLMAN—A box car.

#### Outfit No. 787W consists of:

- 1—No. 763 Scale model locomotive.
- 1—No. 2226WX Tender with Built-in Whistle.
- 1—No. 2951 Scale Hopper car, 10½ inches long.
- 1—No. 2951 Scale Box car, 10½ inches long.
- 1—No. 2955 Scale Tank car, 9¼ inches long.
- 1—No. 2957 Illuminated Caboose, 9 inches long.
- 16—Sections of No. 761 Curved track.
- 2—Sections of No. 762 Straight track.
- 1—Section of OS Straight track.
- 1—RCS Track set, 1—UTC Lockon.
- 1—No. 167 Whistle Controller.

Train supplied forms an oval 99½ by 74½ inches. Tender and all cars are equipped with electric couplers. Train is 58 inches long. Price \$47.50

#### Outfit No. 705 consists of:

- 1—No. 701 Scale model switching engine.
- 1—No. 701T Scale model tender.
- 1—No. 716 Scale model Hopper car, 10½ inches long.
- 1—No. 711 Scale model Box car, 10½ inches long.
- 1—No. 715 Scale model Tank car, 9 inches long.
- 1—No. 717 Illuminated Caboose, 8½ inches long.
- 16—Sections of No. 771 steel T-rail Curved track.
- 4—Sections of No. 772 steel T-rail Straight track.
- 1—UTC Lockon.
- 1—No. 88 Reversing Controller.

Switching engine and all cars are absolutely true to scale. Train supplied forms an oval 74 by 103 inches. All cars have sprung trucks and scale wheels. Tender and all cars have scale couplers. Train is 58½ inches long. Price \$70.00



No. 709W  
\$87.50



No. 707W  
\$87.50

**Exclusive! A Lionel Invention!**

With a Lionel you can sound any whistle of the Official Railroad Code—in short blasts or long blasts—right from the Locomotive-tender itself, whether moving forwards, backwards or standing still. No added gadgets. No false housings. But a real railroad whistle coming from the head of the train where every real whistle belongs.

Reproduction

Outfit No. 709W consists of:

- 1—No. 700 Scale model Hudson type locomotive.
- 1—No. 700W Scale model tender with *Built-in Whistle*. Locomotive and tender are 24½ inches long, overall.
- 1—No. 792 Illuminated combination baggage car and coach with vestibule to which truck is attached. 16½ inches long.
- 2—No. 793 Illuminated coaches. 13½ inches long.
- 1—No. 794 Illuminated observation car. 15½ inches long.
- 16—Sections of No. 771 steel T-trail Curved track.
- 4—Sections of No. 772 steel T-trail Straight track.
- 1—UTC Lockon.
- 1—No. 167 Whistle Controller.

Track supplied forms an oval 103½ by 71½ inches. Vestibules contain trucks and the lamps for interior illumination. Train is 64 inches long. Price \$87.50

Outfit No. 707W consists of:

- 1—No. 700 Scale model Hudson type locomotive.
- 1—No. 700W Scale model tender with *Built-in Whistle*. Locomotive and tender are 24½ inches long, overall.
- 1—No. 715 Scale model Tank car. 9 inches long.
- 1—No. 714 Scale model Box car. 10½ inches long.
- 1—No. 716 Scale model Hopper car. 10½ inches long.
- 1—No. 717 Scale model Illuminated Caboose. 8¾ ins. long.
- 16—Sections of No. 771 steel T-trail Curved track.
- 4—Sections of No. 772 steel T-trail Straight track.
- 1—TC Lockon.
- 1—No. 167 Whistle Controller.

Track supplied forms an oval 103½ by 71½ inches. All cars have scale model couplers and spring trucks. Train is 66½ inches long. Price \$87.50

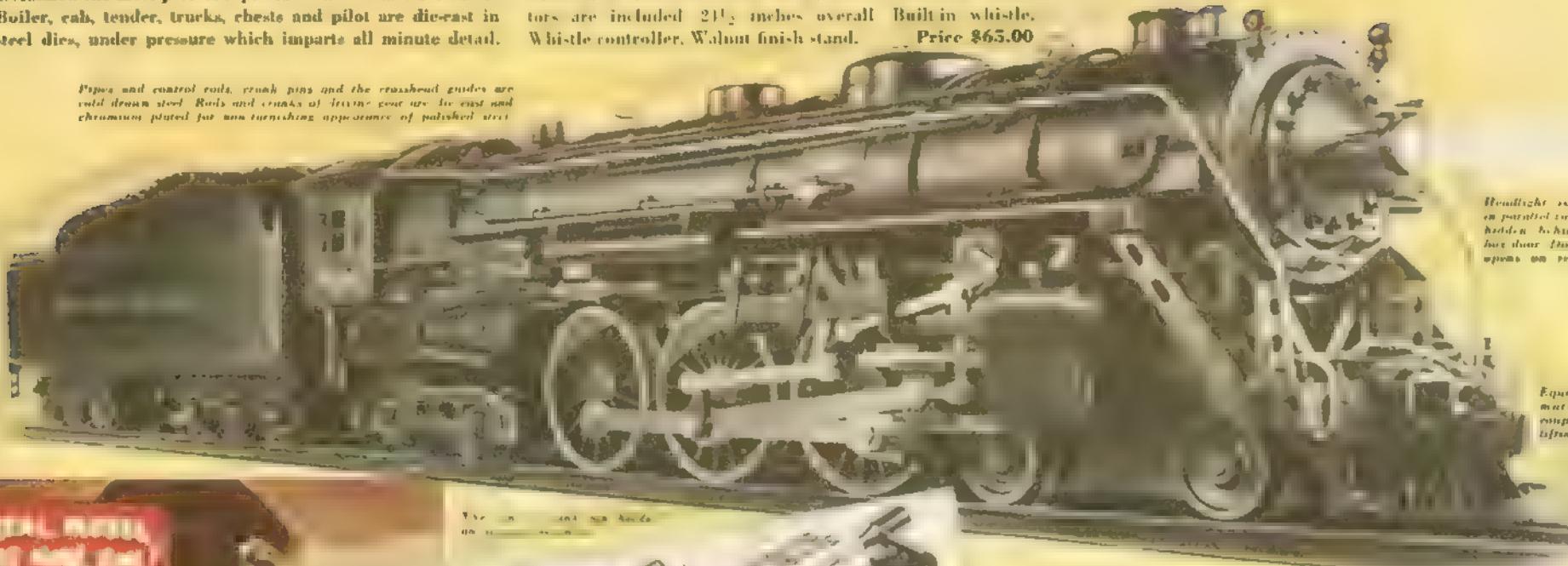
Lionel 'O-72' Gauge

## SUPER-DETAILED, SCALE MODEL ENGINE OF THE CENTURY

No. 700EW—It took two years and an investment of \$60,000 to design this true scale model of the New York Central Hudson that hauls the famous "Twentieth Century". Today it is acclaimed the most perfect reproduction ever manufactured. Boiler, cab, tender, trucks, chests and pilot are die-cast in steel dies, under pressure which imparts all minute detail.

Powered by heavy-duty AC-DC motor and worm gear drive. May be operated on any style of solid rail "O" gauge track with curves having a radius of not less than three feet. In addition to inside third-rail shoes, outside third-rail collectors are included. 21½ inches overall. Built-in whistle. Whistle controller. Walnut finish stand. Price \$65.00

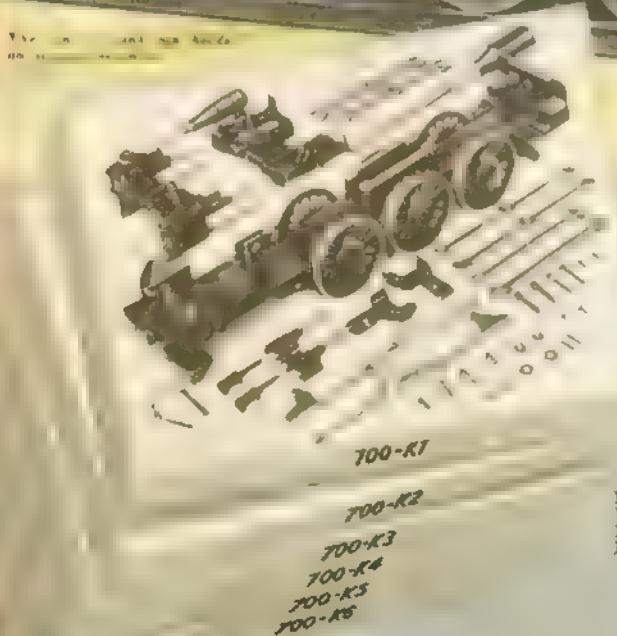
Pipes and control rods, truck pins and the crosshead guides are cold drawn steel. Rods and cranks of driving gear are die cast and chrome plated for non tarnishing appearance of polished steel.



Headlight is mounted on parallel bars by snap hidden behind smoke box door. Door actually opens on real hinges.

Equipped with auto master scale model couplers with pin lifting crank on plate.

34



700-K1  
700-K2  
700-K3  
700-K4  
700-K5  
700-K6

No. 700K1	Frame, drive wheels, etc.	\$11.00	No. 700K3	Complete tender assembly.	\$11.00
No. 700K2	Motor, worm, reversing unit	\$11.00	No. 700K6	Whistle unit and controller	\$14.50
No. 700K3	Cab and boiler with trim.	\$11.00	No. 700KW	All six kits, complete.	\$56.75
No. 700K4	Trucks, wheels, pilot, etc.	\$8.25	No. 700K	All kits except whistle.	\$82.25

## BUILD YOUR OWN SCALE MODEL LOCOMOTIVE

Now, Lionel brings model building within the reach of every man and boy with these kits for constructing the powerful giant illustrated above—six kits containing everything from wheels to whistle.

It doesn't take particular skill to assemble these kits—and the only special tools are included with the first outfit!

Die-castings are finished. Major castings have been given their prime coat of paint, and paint for the finishing coat is included. All press assemblies are made. All holes are drilled and tapped where necessary. With every kit, complete graphic instructions are included.

### LIONEL HUDDSON LOCOMOTIVE KITS

To the last nut and bolt, this Lionel masterpiece is complete in every detail. Sloping back tender has a working back up headlight and pilot lights. No. 708 is equipped with a crank for lifting the coupler pin.

Internal Stephenson valve gear is used by the parent Pennsylvania switcher for reversing. The driving gear of the model is a faithful and accurate reproduction.

No matter how you look at it—coming or going, this Lionel scale model switcher is one of the most authentic and minutely exact reproductions ever manufactured. Cab and tender and many engine and tender fittings are die-cast in hardened steel dies. The engine receives tremendous power through a precision-cut worm gear and a heavy duty AC-DC motor.

## FOR REGULAR "O" GAUGE TUBULAR TRACK

As listed on Page 18, the scale model switcher may be purchased with Lionel wheels for use on "O" gauge tubular track. With each outfit, a controller is included.  
**No. 902B—Switching Engine-Tender Outfit**—For use with 2600 series cars. Equipped with electric bell and special electric couplers, on pilot and tender, which may be actuated on any style of track, at any time. Price \$27.50  
**No. 903B**—Same but for use with 2800 series cars. Price \$27.50

**No. 906B**—Similar to No. 902B but equipped with "Magic Electrol," the sensational Lionel invention which permits this engine to be controlled individually while operating on the same track with any second train. Equipped with regular electro-magnetic couplers on pilot and tender. Price \$26.50  
**No. 907B**—Same but for use with 2800 series cars. Price \$26.50

## FOR SOLID T-SHAPED "O" GAUGE TRACK

**No. 708**—Equipped, as illustrated, with scale model couplers on pilot and tender, and scale tender trucks. Built to standards of the National Model Railroad Association with approved scale flanges and coupler height. Fitted with inside 3rd-rail collectors as well as outside 3rd-rail collectors which may be applied easily. For use only on solid T-rail track. Complete with controller. Price \$35.00



# Lionel 'OO' Gauge Models

TO UNDERSTAND Lionel "OO" gauge reproductions, forget every other model or make you have ever seen. Visualize the giant Hudson locomotive of the New York Central, the fastest engine of the most famous train fleet in the world. Picture that power-plant-on-wheels so reduced in size you could hold it in the flat of your hand — that's Lionel "OO" gauge.

"OO" gauge models are built to a scale of 5 32-inch to the foot. This means they are about one-seventy-sixth as large as the real railroad equipment after which they are copied. Track measures  $\frac{1}{4}$ -inch between running rails.

"OO" gauge is only slightly more than half as large as



"O" gauge — but in the same track layout area a railroad can be reproduced which is about three times as extensive and elaborate.

"OO" gauge is therefore especially desirable for men and boys who have small quarters in which to work, and for those who plan to build extensive systems of bridges, mountains, tunnels, freight yards and other space-consuming scenic effects.

Lionel "OO" gauge equipment is made for operation on track containing only two rails as well as on track containing three



rails. Each type of track has its advantages.

Motors in Lionel "OO" gauge locomotives are built to pull long, heavy trains. In proportion to their size the pulling force, or "draw bar pull" of a Lionel "OO" gauge locomotive is three times that of the real engine. The Lionel "OO" gauge engine is driven through worm gears having a 20-to-1 reduction ratio.



**KNEE-ACTION WHEELS** (inset) wheels with equalizing wheels are kept in constant contact with track, thus reducing derailments.



**BETTENDORF TRUCKS** You truck specialists will revel in the faithful Bettendorf reproductions in Lionel "OO" rolling stock.



No. 0090W  
\$42.25

### SUPER-DETAILED LIONEL "00" HUDSON OUTFIT WITH FOUR FREIGHT CARS

#### *Equipped with realistic 2-rail track*

**Outfit No. 0090W—Equipped with whistle.** Outfit consists of No. 003 Locomotive, No. 001W Tender, No. 0014 Box car, No. 0015 Oil car, No. 0016 Hopper car, No. 0017 Caboose, eleven No. 0031 Curved track, one No. 0034 Connection track, and No. 167X Whistle Controller. Train is 41 inches long. Track forms a circle 50 inches in diameter. **Price \$42.25**

**Outfit No. 0090—Similar to No. 0090W, but without Built-in Whistle and Whistle Controller.** **Price \$37.50**

#### *Equipped with space-saving 3-rail track*

**Outfit No. 0080W—Equipped with whistle.** Outfit consists of No. 003 Locomotive, No. 001W Tender, No. 0014 Box car, No. 0015 Oil car, No. 0016 Hopper car, No. 0017 Caboose, eleven No. 0031 Curved track, four No. 0052 Straight track, one No. 0054 Connection track, and No. 167X Whistle Controller. Train is 41 inches long. Track forms an oval 41 by 27 inches. **Price \$39.75**

**Outfit No. 0080—Similar to No. 0080W, but without Built-in Whistle and Whistle Controller.** **Price \$35.00**

No. 0092W  
\$34.75



*Locomotive, tender and all cars are equipped with scale model, knuckle type couplers.*

### MODIFIED SCALE MODEL "00" GAUGE OUTFIT WITH THREE FREIGHT CARS

#### *Equipped with realistic 2-rail track*

**Outfit No. 0092W—Equipped with whistle.** Outfit consists of No. 003 Locomotive, No. 001W Tender, No. 0014 Box car, No. 0015 Oil Tank car, No. 0017 Caboose, eleven No. 0031 Curved track, one No. 0034 Connection track and No. 167X Whistle Controller. Train is 35 inches long. Track forms a circle 50 inches in diameter. **Price \$34.75**

**Outfit No. 0092—Similar to No. 0092W, but without Built-in Whistle and Whistle Controller.** **Price \$30.00**

#### *Equipped with space-saving 3-rail track*

**Outfit No. 0082W—Equipped with whistle.** Outfit consists of No. 003 Locomotive, No. 002W Tender, No. 0024 Box car, No. 0025 Oil Tank car, No. 0027 Caboose, eleven No. 0031 Curved track, four No. 0052 Straight track and No. 0054 Connection track forming oval 27 by 11 inches. Also included is No. 167X Whistle Controller. **Price \$32.25**

**Outfit No. 0082—Similar to No. 0082W, but without Built-in Whistle and Whistle Controller.** **Price \$27.50**

## A GEM IN BEAUTY—A BRUTE IN STRENGTH



Locomotive and tender  
are equipped with accurate scale model couplers.

### WORM GEAR DRIVE — BRONZE BEARINGS — STEEL TIRES — SCALE MODEL COUPLERS

*More Power • More Stamina • More Speed • More Dependable, Trouble-Free Service*

What the great Lionel 700EW scale model Hudson is to "O" gauge, this tiny locomotive is to "OO"—the most complete and authentic engine ever built for rails of this size. Only in scale does it differ from its big "O" gauge brother and from the parent engine which hauls the New York Central's famous Twentieth Century.

Built with the accuracy of a fine watch, the cab and boiler are a one-piece casting containing infinite detail. The tender frame and tender trucks, pilot trucks, trailing trucks and steam chest are also die castings produced by hardened steel dies under tons of pressure. Reproduced by this method are such tiny details as core holes and chain lugs in tender trucks, and hex-head bolts only half as large as the head of a pin.

Tiny machined stanchions hold the stainless steel handrails, throttle rod, water pipes and valve rods. Alligator crossheads and the intricate Baker valve gear support are die castings of the greatest authenticity. Steel tires on drive wheels and bronze bearings provide unusual wearing qualities.

*A high speed AC-DC motor is built into the cab where it is easily accessible. High speed of the motor is reduced to heavy-duty power through a worm gear with a ratio of approximately 20 to 1. The worm is turned in a sealed bath of lubricants.*

A powerful headlight is projected by a lamp housed in the smokebox. The smokebox door, at the front of the engine, actually opens on real hinges, providing access to the headlight lamp. Built into the tender, so that the sound appears to be coming from the engine, is the famous Lionel built-in, electrically operated, remote control whistle, capable of sounding any whistle signal, any time, whether train is moving forward, backward or standing still.

No. 0081W—Locomotive and Tender Outfit for 3-rail track. Equipped with whistle and complete with No. 167X Whistle Controller. Price \$32.25

No. 0081—Similar to No. 0081W but without whistle equipment. Price \$27.50

No. 0091W—Locomotive and Tender Outfit for 2-rail track. Equipped with built-in whistle and complete with No. 167X Whistle Controller. Price \$34.75

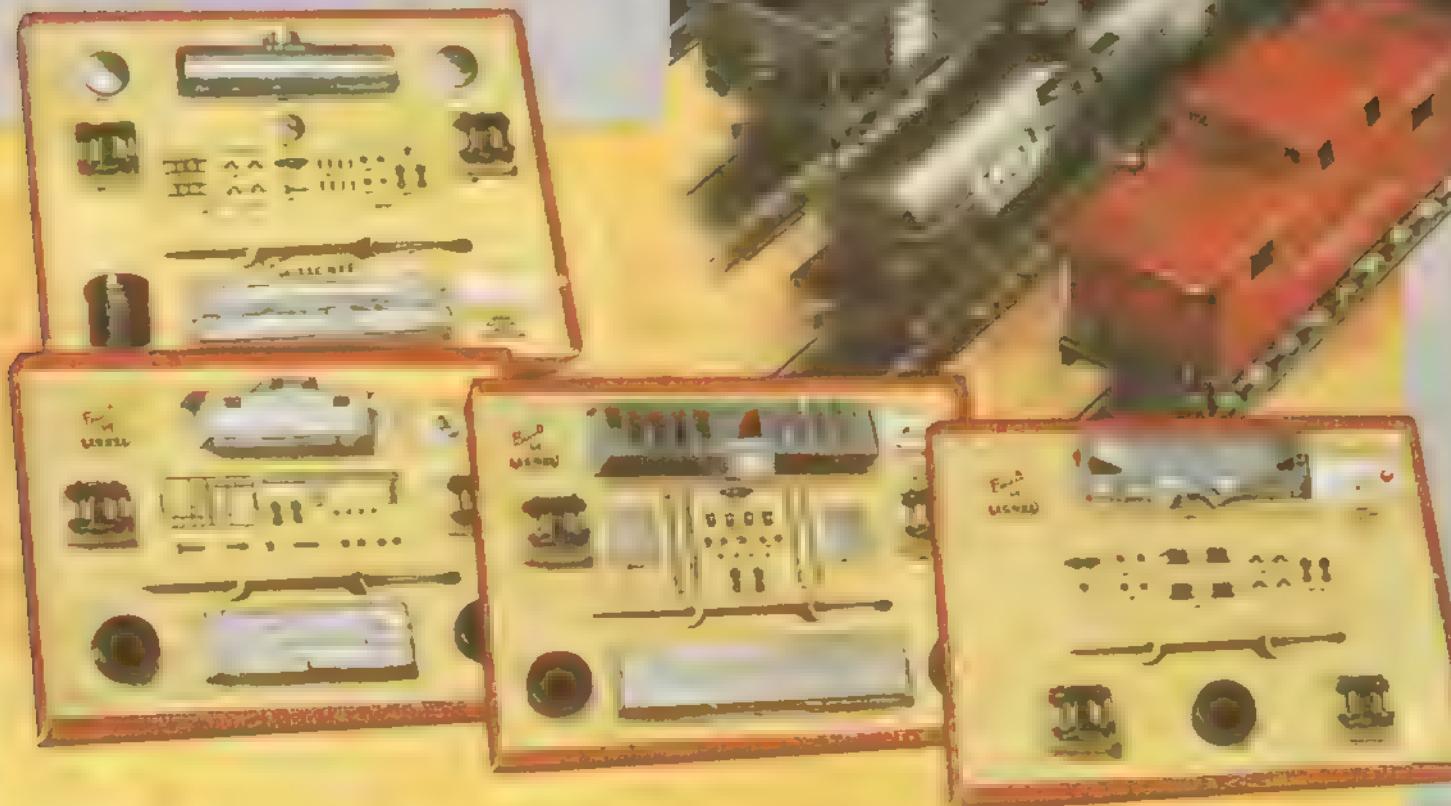
No. 0091—Similar to No. 0091W but without whistle equipment. Price \$30.00

## "OO" FREIGHT CAR KITS

Construction kits for "OO" gauge cars contain everything required for rapid and simple assembly. The only tools needed are a small hammer, screw driver and nail set. Die-cast car frames and bodies are thoroughly finished and ready for painting. Trucks contain assembled wheels and axles. Authentic decalomania car markings, paint brush and enamel are included. Cars made from kits may be used on either 2-rail or 3-rail track. Kits, as packed in display boxes, are illustrated below. The cars obtained by the assembly of these kits are shown in the photograph at right.

### Suitable For 2-Rail or 3-Rail Track

No. 0044K—Box Car Kit.	Price \$2.75
No. 0045K—Oil Tank Car Kit.	Price \$2.75
No. 0046K—Hopper Car Kit.	Price \$2.75
No. 0047K—Caboose Kit.	Price \$2.75



### ASSEMBLED—READY TO RUN

Highly detailed, die-cast "OO" gauge reproductions of the most modern rolling stock on American railroads. The hopper is a model of a huge 70-ton, all-steel coal car. The caboose is the 1940 all-steel version used by the Pennsylvania Railroad. The tank car is an accurate copy of private cars used by Shell Oil Company. These Lionel scale models are die-cast, finished in real railroad colors and equipped with automatic scale model couplers.

#### Assembled Cars for 3-Rail Track

- No. 0014—Box Car, 6½ inches long. Price \$3.00
- No. 0015—Tank Car, 5¾ inches long. Price \$3.00
- No. 0016—Hopper Car, 5½ ins. long. Price \$3.00
- No. 0017—Caboose, 4¾ inches long. Price \$3.00

#### Assembled Cars for 2-Rail Track

- No. 0044—Box Car, 6½ inches long. Price \$3.00
- No. 0045—Tank Car, 5¾ inches long. Price \$3.00
- No. 0046—Hopper Car, 5½ ins. long. Price \$3.00
- No. 0047—Caboose, 4¾ inches long. Price \$3.00

# More than a Transformer...

# LIONEL "TRAINMASTER"

## the 5-in-1 *Central Control* Station!

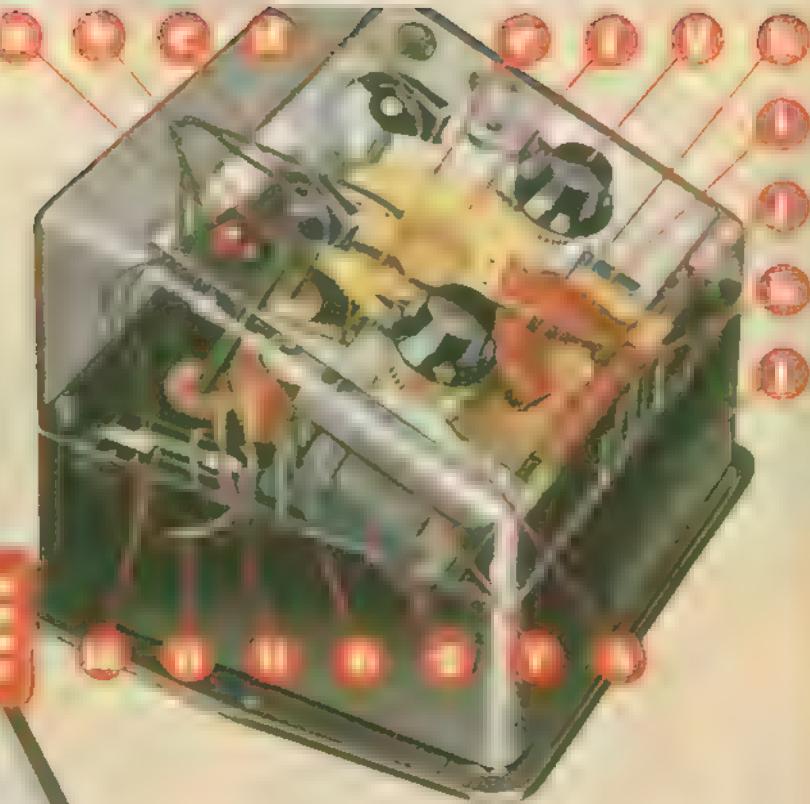
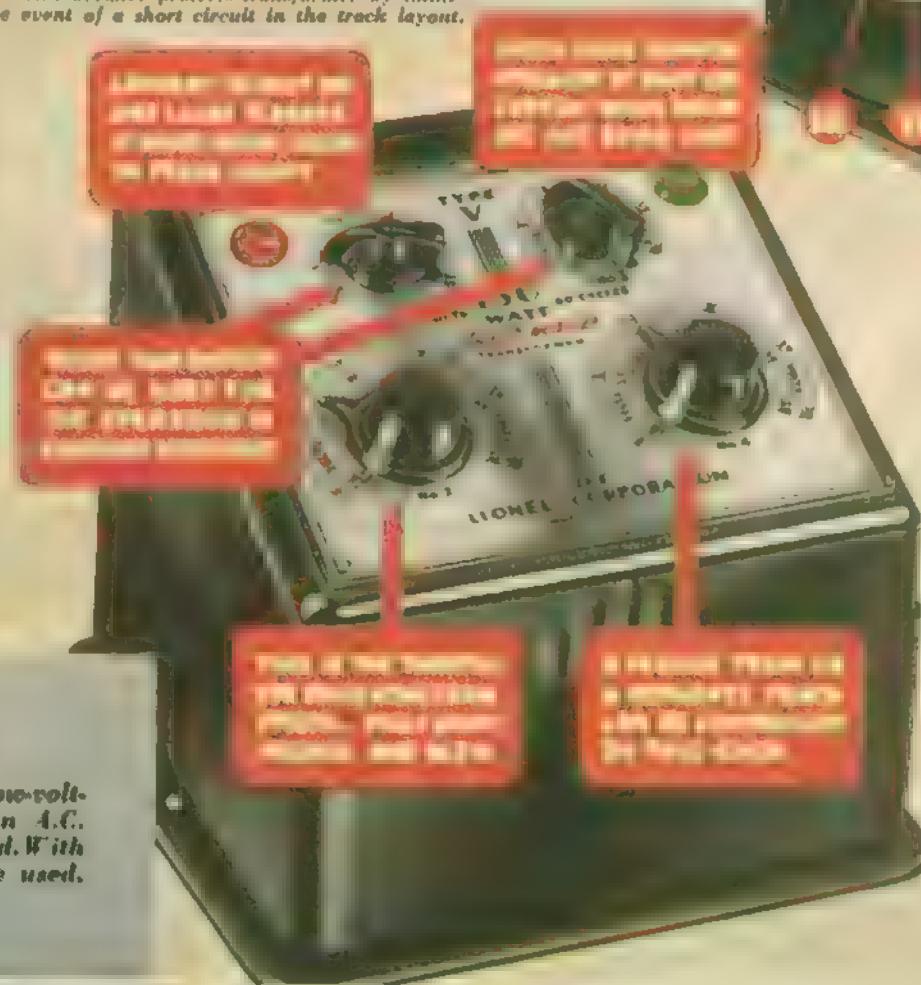
*Built-in, automatic, thermostatic circuit breaker protects transformer by immediately shutting off current in the event of a short circuit in the track layout.*

Lionel Trainmaster transformers are capable of delivering a maximum of 25 volts! Only transformers capable of delivering such voltage are adequate for the successful operation of Lionel Trains with numerous accessories! No transformer is "safer" to operate than a Trainmaster! Types Q, W and R are listed as standard by the Underwriters' Laboratories.

Any Trainmaster transformer is capable of operating any Lionel Train in this catalog with its standard equipment. Extensions of track and additions of accessories, however, absorb wattage from the capacity of the transformer. It is therefore wise to purchase a much larger transformer than that immediately required, in order to provide for the future development of the miniature railroad. In the table on the next page, all train outfit numbers are listed with the transformers that will operate them and a few added accessories.

## Controls

Lionel Trains operate on harmless low-voltage current. To obtain this from an A.C. house outlet, a Transformer is required. With a D.C. outlet, an Inverter should be used.



## LIONEL TRAINMASTER SHOWN IN PHANTOM

Because it is impossible to determine the worth of a transformer from a picture of it, we present this "phantom" to illustrate the intricate construction of the Trainmaster. At point A is the coil, laminated plate type, having a temp. which is designed to indicate the existence of a short circuit in the track layout. B points to one of the two long steel shafts used for accessory controls. C points to one of the two accessory control knobs which are moulded plastic and held on shafts by a patented spring retainer. D indicates the power-on lamp and its green, plastic case. E is the lower gear sector which is actuated by control knob No. 3. F is the upper gear sector which is actuated by control knob No. 4. G points to the knobs itself, a modern plastic design. H is the lower and I the upper contact brushes made of bronze. J points to the metal graphite contact rollers. K indicates an exclusive Lionel development—an edgewise wound copper ribbon on bakelite core. L points to the case itself, an air cooled, high-strength bakelite moulding.

One of the most important features of the Lionel Trainmaster is its built-in, automatic circuit breaker. The Lionel circuit breaker is thermostatic—an improvement over ordinary types. This compact device is shown at the letter M. N points to a glass-insulated lamp resistor. Letters O and P point to bakelite insulating fabric cores. Q indicates the silicon steel laminations stack. R is the deepest border which supports the top contacts. Not designated by a letter and letter shown in the picture at the left is the chromium plated steel nameplate containing details which show the voltage being used and the approximate speed of trains in miles per hour.





## Scale Model Rolling Stock

QUINT ONE EYE when you look at the picture above and you will see a group of real railroad cars standing in a real railroad yard. If that's a sight that thrills you, then just wait till you get one of these new Lionel beauties into your hands. If you are a scale model railroader, you are due for the treat of your life for the amazing scale-model perfection of these "O" gauge models is almost unbelievable! Lionel hasn't misseed a trick in making them the finest on rails—cars of the 700 series have

self-equalizing sprung trucks to keep wheels in constant contact with rails—coupler shanks are attached to trucks so that cars will couple automatically on either straight or curved track—materials used are so light in weight that almost any engine can snake a drag of twelve or fifteen of them through a pike filled with curves and grades. All cars are available with scale wheels and couplers (the 700 series) for T-rail track, and with electric couplers (the 2900 series) for regular Lionel tubular track.

### DETAILED SPECIFICATIONS

The caboose weighs just twenty ounces. That's a record. It is a die-casting of magnesium alloy, the costly metal that was developed for the aircraft industry. Windows are fitted with panes of transparent mylithic. Interior of caboose is illuminated. Three-color marker lanterns also transmit light. Twists handrails are held by inserted, machined stanchions. They are not cast-in dummyers. Body of the car is 8½ inches long. Both inside and outside 3rd-rail collector shoes are included. The hopper car is an accurate, faithful die-cast zinc alloy reproduction of a 70-ton, quadruple hopper used by the Baltimore and Ohio. The hopper doors are fitted with springs and latches which hold them tightly closed so that the car itself may actually be loaded. Body of car, 10½ inches long. Weight 1 lb., 10½ ounces. Metal-sheathed box car combines the use of three materials: non-warping moulded phenolic for the body, die-cast zinc alloy for the frame and stamped steel for structural parts. The doors contain latches and slide open. The box car was built from Pennsylvania Railroad blueprints for 50-ton, double-sheathed cars, Class X29. Total weight of box car, only 19 ounces. Length of body, 10½ inches. The tank car is an 80,000-pound-capacity model. Unusually light in weight and strengthened by internal reinforcements. The handrails are held in machined stanchions. The ladders are applied parts. Rivets are an integral part of the castings. Routing card holders are true to scale. Weight, 22 ounces, 9 inches long.



## Build 'em Yourself

Lionel 700 series, quarter-inch scale freight cars come two ways: ready-built and ready for the rails—and in kit form, ready for assembly. It doesn't require a model builder or a scale model expert to assemble a Lionel freight car—anyone can do it in a few spare hours. All castings are finished. There are no burrs to remove, no trimming to be done, no roughness to burnish away. All holes are drilled and tapped where necessary. All machine assemblies are completed. Each car truck, for instance, is one complete, assembled unit, ready to be attached to the car frame by a single screw. All handrails and grab irons are cut to proper length and formed. The only tools that are required will be found in any household tool chest. Each kit includes paint, paint brush and transfers for car lettering. A complete and simple assembly drawing is also a part of every kit. (Kits are not available for 2900 series cars.)

No. 714K—"O" Gauge Scale Model Box Car Kit. Price \$5.00

No. 715K—"O" Gauge Scale Model Tank Car Kit. Price \$5.00

No. 716K—"O" Gauge Scale Model Hopper Car Kit. Price \$5.00

No. 717K—"O" Gauge Scale Model Illuminated Caboose Kit. Price \$6.50

## 700 SERIES

### Scale Couplers—Sprung Trucks

BUILT TO N.M.R.A. STANDARDS

*Complete, Ready to Run*

No. 714—Scale Model Box Car. \$7.50  
No. 715—Scale Model Tank Car. \$7.50  
No. 716—Scale Model Hopper Car. \$7.50  
No. 717—Scale Model Illuminated Caboose. Price \$8.75



## 2900 SERIES

### Electro-magnetic Couplers

FOR "O" and "O-72" TUBULAR TRACK  
*Complete, Ready to Run*

No. 2954—Scale Model Box Car. \$5.00  
No. 2955—Scale Model Tank Car. \$5.00  
No. 2956—Scale Model Hopper Car. \$5.00  
No. 2957—Scale Model Illuminated Caboose. Price \$6.50



SIDE OF CAR OPENS ON HINGES  
AND TINY BARRELS TUMBLE OUT



No. 3632—When this trim gondola arrives over section of RCS or No. 1019 track you touch a remote control button side of car opens and barrels roll out. Equipped with electric couplers. Unloading bin included. Car is 6 1/2 inches long. For use with all O-27 cars and "D" game cars of the 2600 and 600 series. Price \$3.50

REMOTE CONTROL UNLOADS COAL  
WHERE AND WHEN YOU WANT IT



No. 3639—By remote control, this dump car can be tilted to unload coal alongside track. Back of coal and unloading bin are included. Equipped with electric couplers 6 1/2 inches long. For use with O-27, 2600 and 600 series cars. Actuated on RCS or No. 1019 track. Price \$3.75  
No. 3839—Similar to No. 3639 but 8 1/2 inches long and for use with 2600 and 2800 series cars. Price \$4.75

A LOAD OF LOGS IS DELIVERED  
WITH THE GREATEST OF EASE



No. 3631—Bucketed stakes fold out of way and bottom of car tilts at touch of remote control button. Electric couplers. Logs and unloading bin included. Car is 6 1/2 inches long. For use with RCS or No. 1019 track and with cars of the O-27, 2600 and 600 series. Price \$3.50  
No. 3831—Similar to No. 3631 but 8 1/2 inches long and for use with 2600 and 2800 series cars. Price \$4.50

## Operating Freight Cars *with Electric Couplers*

THIS IS THE END of make-believe. Never again will freight trains run back and forth around the pike, forcing imagination to make all the pick-ups and deliveries. This is *real* railroading. Now, at last, it is possible to make up a train of cars in the yards and send it out on the high iron with a real mission to perform, with an actual destination for all the

different types of freight that is being transported.

By a great stroke of genius Lionel engineers have created rolling stock which does what no real railroad car is able to do: unload by electric remote control. Built into these amazing Lionel freight cars is a device which lifts the side of the gondola car, tilts the body of the dump car, opens the door of the

box car or raises the floor of the flat—to unload the contents of the cars into bins alongside the track. For the operation of these cars by remote control a section of RCS or No. 1019 track is required. For the greatest fun and excitement in miniature railroading, be sure to add several of these electric, remote control cars to your train outfit.

# SERVICE CARS

**DOOR OF BOX CAR SLIDES OPEN  
AND OUT POPS A PACKING CASE**

No. 3814 Built-in, electrically actuated device opens one of the car doors by remote control, and ejects a miniature packing case. Door slides automatically. Cases are loaded into car through roll-back door. Car is equipped with electric couplers. 8½ inches long, 3½ inches high. For use with 400 and 2000 series cars. Assembled by R.C.S. track. Price \$5.00

The two work cranes illustrated on this page can be put into actual service and are capable of lifting very heavy weights.

**No. 2810 WORK CRANE CAR**  
Equipped with one electric coupler. Boom can be raised or lowered. Track clamp prevents car from moving. Three heavy steel control block, boom and cab. Cab is 8 inches long. Price \$8.75  
No. 810 Similar to No. 2810, but without electric coupler. Price \$8.50

**No. 2820 FLOODLIGHT CAR**  
Searchlights can be adjusted to any angle. Car is 8 inches long. Price \$8.50  
No. 820 Similar to No. 2820, but without electric couplers. Price \$8.50

No. 2810 and 810 Cranes and  
Nos. 2820 and 820 Floodlight  
Cars are correct in size for  
use with 2800 and 8000 series  
"O" gauge freight cars.



## No. 2620 SEARCHLIGHT CAR

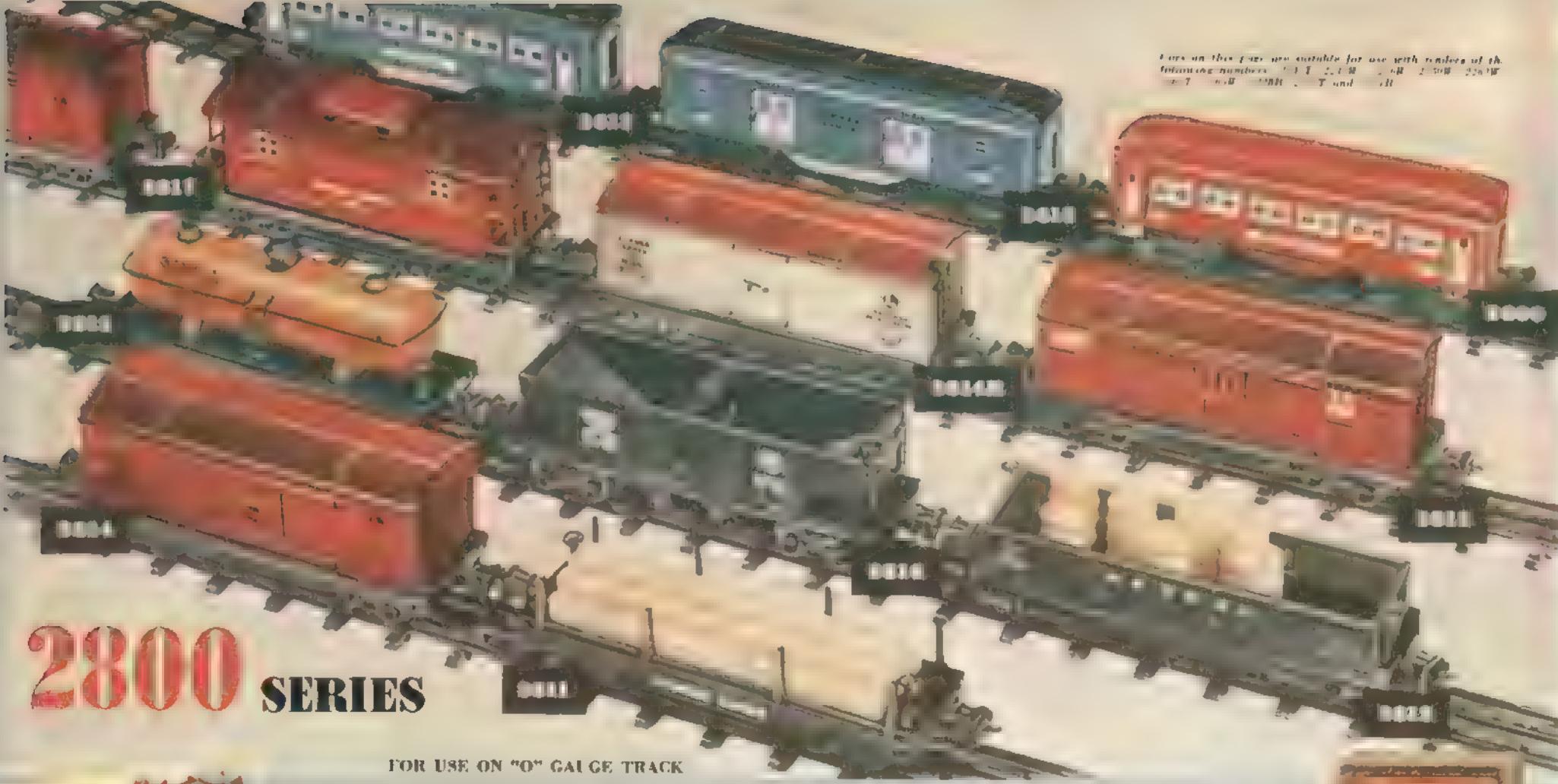
One of the most popular cars in miniature railroading. Equipped with electric couplers. Reflector may be swiveled from side to side up or down. Car measures 6½ inches in length. Price \$3.75

No. 820 Similar to No. 2620, but without electric couplers. Price \$2.75

## No. 2660 WORK CRANE CAR

Most important of all maintenance cars. Equipped with electric couplers. Boom is raised or lowered by means of wheel at end of cab. Track controlled by wheel at side. Cab can be turned from side to side. Length 8½ inches. Price \$4.50

Floodlight Cars No. 2620 and 820 and Work Crane Car No. 2660 may be used with any "O" 2½" gauge cars and 2000 and 8000 series "O" gauge cars.



# 2800 SERIES

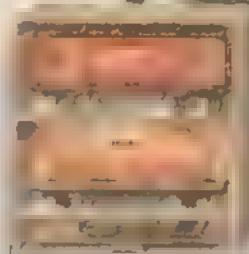
FOR USE ON "O" GAUGE TRACK

A small, stylized illustration of a rose branch with leaves and a single red rose, positioned at the bottom right of the page.

I would like to call your attention to the electrically operated couplers represent the greatest engineering triumph in the realm of locomotives. Electrical vacuum device is to touch at a remote control button one end there or any number of cars may be uncoupled from the rest of the train.

<b>No. 2811 Lumber Car</b> Equipped with electric couplers and complete with a large load of logs. Car is 8½ inches long. Price \$3.50	<b>No. 2812 Gondola Car</b> Equipped with electric couplers. With each car four barrels are included. Car is 8½ inches long. Price \$3.50	<b>No. 2813 Cattle Car</b> Equipped with electric couplers. Two doors of car slide open and shut. Car is 8½ inches long. Price \$3.75	<b>No. 2814 Box Car</b> Equipped with electric couplers. Doors slide open. Car is 8½ inches long. Price \$3.75	<b>No. 2815 Refrigerator</b> Equipped with electric couplers. Hinged doors. Realistic lettering. Car is 8½ inches long. Price \$3.75
<b>No. 2811 Same as No. 2811, but without electric couplers.</b> Price \$2.50	<b>No. 2812 Same as No. 2812, but without electric couplers.</b> Price \$2.50	<b>No. 2813 Same as No. 2813, but without electric couplers.</b> Price \$2.75	<b>No. 2814 Same as No. 2814, but without electric couplers.</b> Price \$2.75	<b>No. 2815 Same as No. 2815, but without electric couplers.</b> Price \$2.75
<b>No. 2816 Oil Tank Car</b> Equipped with electric couplers. Realistic lettering. Boards hand rail. Car is 8½ inches long. Price \$3.75	<b>No. 2816 Coal Car</b> Equipped with electric couplers. Wheels can be turned to upon hopper bottom. 8½ inches long. Price \$3.75	<b>No. 2817 Caboose</b> Equipped with electric couplers. Raised coupler. Rep. red load color scheme. Car is 8½ inches long. Price \$3.75	<b>No. 2800 Illuminated Pullman</b> Electric couplers. 9½ inches long. Price \$3.25 <b>No. 2600</b> Similar, but without electric couplers. \$2.50 <b>No. 2601 Observation Car</b> \$3.50. <b>No. 601</b> , \$2.75 <b>No. 2602 Baggage Car</b> \$2.75. <b>No. 62</b> , \$2.00	<b>No. 2816 Illuminated Pullman</b> Electric couplers. 9½ inches long. Price \$3.25 <b>No. 613</b> Similar, but without electric couplers. \$2.50 <b>No. 2614 Observation Car</b> \$3.50. <b>No. 614</b> , \$3.50. <b>No. 2615 Baggage Car</b> \$2.25. <b>No. 615</b> , \$2.50
<b>No. 2816 Same as No. 2816, but without electric couplers.</b> Price \$2.75	<b>No. 2816 Same as No. 2816, but without electric couplers.</b> Price \$2.75	<b>No. 2817 Same as No. 2817, but without electric couplers.</b> Price \$3.75	<b>No. 2800 Illuminated Pullman</b> Electric couplers. 9½ inches long. Price \$3.25 <b>No. 613</b> Similar, but without electric couplers. \$2.50 <b>No. 2601 Observation Car</b> \$3.50. <b>No. 601</b> , \$2.75 <b>No. 2602 Baggage Car</b> \$2.75. <b>No. 62</b> , \$2.00	<b>No. 2816 Illuminated Pullman</b> Electric couplers. 9½ inches long. Price \$3.25 <b>No. 613</b> Similar, but without electric couplers. \$2.50 <b>No. 2601 Observation Car</b> \$3.50. <b>No. 601</b> , \$2.75 <b>No. 2602 Baggage Car</b> \$2.75. <b>No. 62</b> , \$2.00

Cards on this page are suitable for use with numbers of the following numbers 1-11, 1-18, 1-48, 1-500, 22x10<sup>10</sup>, 1-7, 1-8, 1-9, 1-10, 1-11, 1-12, 1-13, 1-14, 1-15, 1-16, 1-17, 1-18, 1-19, 1-20, 1-21, 1-22, 1-23, 1-24, 1-25, 1-26, 1-27, 1-28, 1-29, 1-30, 1-31, 1-32, 1-33, 1-34, 1-35, 1-36, 1-37, 1-38, 1-39, 1-40, 1-41, 1-42, 1-43, 1-44, 1-45, 1-46, 1-47, 1-48, 1-49, 1-50, 1-51, 1-52, 1-53, 1-54, 1-55, 1-56, 1-57, 1-58, 1-59, 1-60, 1-61, 1-62, 1-63, 1-64, 1-65, 1-66, 1-67, 1-68, 1-69, 1-70, 1-71, 1-72, 1-73, 1-74, 1-75, 1-76, 1-77, 1-78, 1-79, 1-80, 1-81, 1-82, 1-83, 1-84, 1-85, 1-86, 1-87, 1-88, 1-89, 1-90, 1-91, 1-92, 1-93, 1-94, 1-95, 1-96, 1-97, 1-98, 1-99, 1-100.



**No 802**  
**FREIGHT CAR SET**

**In Ideal Gift Package**  
consists of No. 2811 Box car,  
a 2822 D1 car and one R-4  
truck set for actuating the elec-  
tric remote control couplers with  
which each car is equipped.

# 2600 SERIES

## 2600 SERIES

Cars above are suitable for use with tenders of the following numbers: 2234T, 2231B, 2237T, 2238T, 2237, 2235T, 2236T, 2239T, 2236H X, 2237T, 2237B, 2238, 2239T, 2236H, 2237B and 2238B.

**2631 LUMBER CAR**  
Equipped with electric couplers and load of logs. Car is 6½ inches long. Price \$2.50

**No. 631** — Same as No. 2631, but without electric couplers. Price \$1.50

**2636 CATTLE CAR**  
Equipped with electric couplers. Sides cut out. Doors slide open. Car is 6½ inches long. Price \$2.75  
**No. 636** — Same as No. 2636, but without electric couplers. Price \$1.75

**No. 2632 GONDOLA**  
Equipped with electric couplers. Barrels are included. Car is 6½ inches long. Price \$2.50

**No. 632** — Same as No. 2632, but without electric couplers. Price \$1.50

**No. 2637 CABOOSE**  
Equipped with one electric coupler. Realistic lettering. Side of car is 6½ inches long. Price \$2.75  
**No. 637** — Same as No. 2637, but without electric couplers. Price \$1.75

**No. 2633 COAL CAR**  
Equipped with electric couplers. Hopper bottom open. Car is 6½ inches long. Price \$2.75

**No. 633** — Same as No. 2633, but without electric couplers. Price \$1.75

**No. 2639 DUMP CAR**  
Equipped with electric couplers. Body can be tilted. Car is 6½ inches long. Price \$2.75  
**No. 639** — Same as No. 2639, but without electric couplers. Price \$1.75

**No. 2644 TANK CAR**  
Equipped with electric couplers. Doors slide open. Car is 6½ inches long. Price \$2.75

**No. 634** — Same as No. 2644, but without electric couplers. Price \$1.75

**No. 2640 PULLMAN**  
Interior illumination. Electric couplers. 12 inches long. Price \$3.00  
**No. 634** — Observation Car. Similar to No. 2640, but with platform. Electric coupler. Price \$3.25



### No. 261 FREIGHT CAB SET

Consists of No. 2634 Oil Tank car, and No. 2635 Box car both with electric couplers, also one R.C.S. Track set for remote control operation of couplers. \$6.75



### No. 261 PASSENGER SET

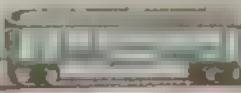
Two No. 2630 Pullman cars, No. 2631 Observation car, with electric couplers. No. 1010 Track Set. Price \$1.50



**No. 2630 PULLMAN**  
Removable roofs. Enamel finish. 12 inches long. Electric couplers. Price \$2.50



**No. 2631 OBSERVATION**  
Removable roofs. Enamel finish. 12 inches long. Electric couplers. Price \$2.75



**No. 2632**  
Electric couplers. 9½ inches long. Price \$1.50  
**No. 1679** Same but without electric couplers. Price \$1.00



**No. 2639** Electric couplers. 9½ inches long. Price \$1.50  
**No. 1682** Same but without electric couplers. Price \$1.00



**No. 2630** — Electric couplers. 9½ inches long. Price \$1.50  
**No. 1680** Same but without electric couplers. Price \$1.00



**No. 2631** — Electric couplers. 9½ inches long. Price \$1.50  
**No. 1682** Same but without electric couplers. Price \$1.00



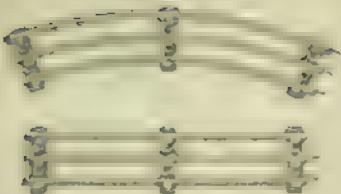
**No. 1010 "O-27"**  
**FREIGHT CAR SET**  
No. 2639 Box car and No. 2630 Oil Tank car both with electric couplers. No. 1010 Track set with remote control. Price \$1.50

**1048 PASSENGER SET**  
Two No. 2630 Pullman cars, No. 2631 Observation car, with electric couplers. No. 1010 Track Set. Price \$1.50

## STANDARD GAUGE CARS

No. 211	Lumber Car	\$3.50	No. 511	Lumber Car	\$3.00
No. 212	Gondola Car	\$3.50	No. 512	Box Car	\$3.50
No. 213	Cattle Car	\$3.50	No. 513	Boilercar	\$3.50
No. 214	Box Car	\$3.50	No. 514	Oil Tank Car	\$3.50
No. 215	Oil Tank Car	\$3.50	No. 515	Coal Car	\$3.75
No. 216	Lighted Locomotive	\$3.75	No. 517	Lighted Locomotive	\$3.75
No. 219	Work Crane	\$10.00	No. 520	Headlight Car	\$5.50
No. 217	Illuminated Caboose	12½ inches long	No. 521	Floodlight Car	\$5.00
No. 220	Electric Floodlight Car	12½ inches long	No. 522	Electric Floodlight Car	\$5.75
No. 309	Illuminated Pullman Car	13½ inches long	No. 523	Illuminated Pullman Car	\$4.00
No. 310	Illuminated Baggage Car	13½ inches long	No. 524	Illuminated Baggage Car	\$4.00
No. 312	Illuminated Observation Car	13½ inches long	No. 525	Illuminated Observation Car	\$4.50
No. 420	Illuminated Pullman Car	18½ inches long	No. 526	Illuminated Pullman Car	\$11.00
No. 421	Illuminated Pullman Car	18½ inches long	No. 527	Illuminated Observation Car	\$11.00
No. 422	Illuminated Observation Car	18½ inches long	No. 528	Illuminated Observation Car	\$11.00
No. 121	Illuminated Pullman Car	15 inches long	No. 529	Illuminated Pullman Car	\$8.50
No. 125	Illuminated Pullman Car	15 inches long	No. 530	Illuminated Observation Car	\$8.50
No. 126	Illuminated Observation Car	15 inches long	No. 531	Illuminated Observation Car	\$8.50
No. 1266	Illuminated Pullman Car	15 inches long	No. 532	Illuminated Baggage Car	\$1.25
No. 1267	Illuminated Baggage Car	15 inches long	No. 533	Illuminated Observation Car	\$1.25
No. 1268	Illuminated Observation Car	15 inches long	No. 534	Illuminated Observation Car	\$1.25

Lionel "O-27" cars are built of steel, realistically lettered and finished in bright colors. Freight cars are 9½ inches long. Passenger cars are 13 inches long.



## REMOTE CONTROL SWITCHES



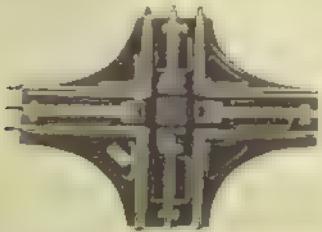
Running rails of Lionel "O-27" track are formed by a turn-back flange, making them doubly rigid. All ties are oxidized black. The third rail is insulated from running rails by over-sized insulation. A connecting clip holds sections of track firmly locked. Because of height of rails, "O-27" track, switches, and crossovers cannot be used with "O" gauge equipment. Straight track is 8 $\frac{1}{8}$  inches long. Curved is 9 $\frac{1}{2}$  inches long.

No. 1013—Curved Track.	Price \$1.15
No. 1015—Straight Track.	Price \$1.15
No. 1015-17 Steel Pins.	Price, Dozen \$1.10
No. 213-82—Fibre pins.	Price, Each \$0.05

**UTC Lockon** — Clamped on track, it provides a perfect contact for wires leading to transformer. Price \$4.00



**No. 1025 ILLUMINATED BUMPER**  
Equipped with an electric caution lamp. One section of "O-27" track is included. Price \$1.75



**No. 1021 90-DEGREE CROSSING**  
Black enamel base to match the ties of "O-27" track. 7 $\frac{1}{2}$  inches square. A great help in making interesting track layouts. Price \$1.00

# "O-27"

## Track Equipment

Eight sections of curved track form a circle 27 inches in diameter to the extreme outside ends of ties. Straight track is 8 $\frac{1}{8}$  inches long. Curved track is 9 $\frac{1}{2}$  inches long. The track gauge is 1 $\frac{1}{4}$  inches between running rails.



## REMOTE CONTROL! NON-DERAILING!



Lionel track is made by doubling the flange which strengthens it so that were a person to stand on it, it would not bend. Each section is perfectly insulated and tested. One end of each section has three steel pins which fit into the adjoining section. A connecting clip holds tracks firmly locked.

OC Curved track, 10 inches long	Price \$2.20
OS Straight track, 16 $\frac{1}{2}$ inches long	Price \$2.20
3/4 OC 1 $\frac{1}{2}$ Section, curved track	Price \$2.20
3/4 OS 1 $\frac{1}{2}$ Section, straight track	Price \$2.20
OS Straight track with two insulated rails. Complete with Lockon, wires and fibre pins.	Price \$3.60
OCS—Curved track with two insulated rails. Complete with Lockon, wires and fibre pins.	Price \$3.60
OC 18 Steel pins.	Price, Dozen \$1.10
011-11—Fibre pins.	Price, Each \$0.05

A patented built-in electrical device automatically unlocks and throws switch rail when train approaches an open switch thus preventing derailment. At the same time it changes the indicator lights on the switch and controller. An intricately molded Bakelite base supports the rails and has molded integrally the frog, guard rails closure rails, ties and tie plates. Perfect spacing of rails and smooth operation of trains results from this construction. The absence of a metal base eliminates any possibility of short circuits. Switch motor and rotary indicator light are built into a compact, sturdy unit which can be mounted on either side of the switch by simply removing two screws.

No. 022 (Pair—one right and one left) — 10 $\frac{1}{2}$ inches long. Electric cord, remote controls and lamps are included.	Price Per pair \$11.50
No. 022R Right-hand Switch	Price \$6.00
No. 022L Left-hand Switch	Price \$6.00



### No. 025 ILLUMINATED BUMPER

Flamed base. Equipped with electric caution lamp. One section of "O" gauge track is included with bumper. 10 inches long. Price \$2.00



### No. 1024 MANUAL SWITCHES

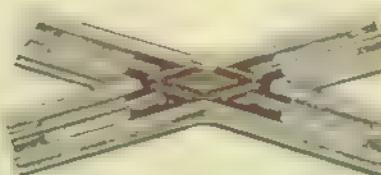
Constructed of steel and perfectly insulated. Switch is operated by hand lever. Per pair \$2.75

No. 1024R Right-hand Switch	Price \$1.75
No. 1024L Left-hand Switch	Price \$1.75



### No. 1019 REMOTE CONTROL TRACK

This section of special 5-rail track is made for the operation of cars that can be unloaded electrically and for actuating remote control couplers. Complete with two-button remote control and 30 inches of connecting cable. Mounted section of straight "O-27" track is 8 $\frac{1}{8}$  inches long. Price \$1.25



### No. 020X 45-DEGREE CROSSING

Constructed of steel. Bakelite crossing insulation. 11 $\frac{1}{2}$  inches long. Price \$1.75

No. 020—Similar to No. 020X, but 90-degree. 8 $\frac{1}{2}$ inches square.	Price \$1.50
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### No. 042 MANUAL SWITCHES

By means of a lever at the side of control box the swivel rod and signal light are turned. Construction otherwise is similar to No. 022 switches. 10 $\frac{1}{2}$  inches long.

Pair, one right and one left.	\$6.85
No. 042R Right-hand Switch.	Price \$3.75
No. 042L Left-hand Switch.	Price \$3.75



### RCS REMOTE CONTROL TRACK SET

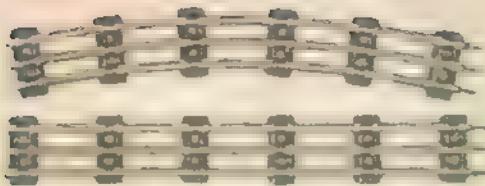
This special section of 5-rail track operates electric couplers and the electric unloading mechanism in operating freight cars. Mounted section of "O" gauge track is 10 inches long. Two-button Controller with 30 inches of connecting cable is included. Price \$1.50



## Gauge Track Equipment

Eight sections of curved track form a circle 28 $\frac{1}{2}$  inches in diameter, from center rail to center rail—30 $\frac{1}{2}$  inches to the ends of ties. Straight track is 10 inches long. Curved, 10 $\frac{1}{2}$  inches long. 1 $\frac{1}{4}$  inches between running rails.





Closely spaced black oxidized ties "O" gauge straight track can be used with "O" 2" track if desired. Straight track is 11 $\frac{1}{2}$  inches long. Curved track is 14 inches long.

No. 761—Curved Track	\$ 35
No. 762—Straight Track	\$ 35
No. 762S—Insulated Straight Track, Lockon	\$ 70
OC-18—Steel Pins	Doz. \$ 10
011-11—Fibre Pins	Ex. \$ 05



#### RCS REMOTE CONTROL TRACK SET

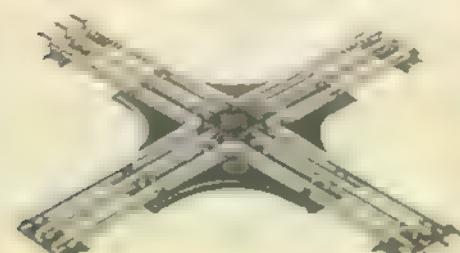
This special section of 3-rail track operates electric couplers and unloading mechanism in freight cars. Mounted section of "O" gauge track is ten inches long. Controller with cable is included.

Price \$1.50

#### MANUALLY CONTROLLED SWITCHES

No. 721—Actuated by means of lever on base which also changes the signal light. 11 $\frac{1}{2}$  inches long. Per Pair \$7.50

No. 721R—Right-hand switch. Price \$4.00  
No. 721L—Left-hand switch. Price \$4.00



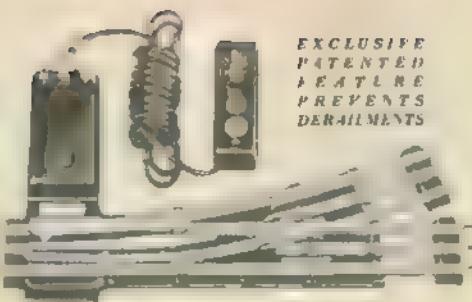
#### No. 720 90-DEGREE CROSSING

Crossing rails are mounted on an embossed steel base containing a moulded plastic block in the center, to prevent short circuits. 14 $\frac{1}{2}$  inches square. Price \$2.25



## Track Equipment

Sixteen sections of curved track form a circle 72 inches in diameter from center rail to center rail—74 $\frac{1}{4}$  inches to ends of ties. Straight track is 14 $\frac{1}{2}$  inches long. Curved, 14 inches long. 1 $\frac{1}{4}$  inches between running rails.

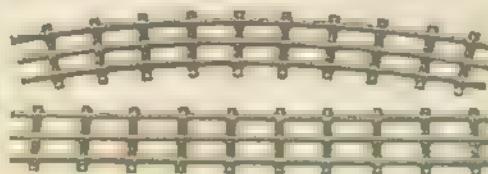


Built-in cut-off makes derailment of train impossible. Colored lights in remote control base as well as in the switch head. A direct transformer plug permits reconnection of switch action. Signal base may be assembled inside or outside the switch in order to fit the requirements of each track layout. 14 $\frac{1}{2}$  inches long.

No. 711—Pair, one right and one left. Price \$13.50  
No. 711R—Right hand. Price \$7.00  
No. 711L—Left hand. Price \$7.00

#### No. 760 TRACK PACK

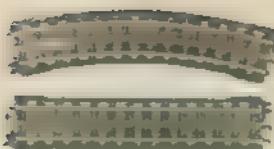
A complete circle of "O" 2" wide radius curved track. Sixteen sections of No. 761. Price \$3.60



## Steel T-Rail Track

Solid rails mounted on ties containing tie plates and spikes. Bolt plates and wrench supplied with track. Sixteen sections for circle 72 inches in diameter. Curved sections are 14 inches long. Straight, 14 $\frac{1}{2}$  inches long. Gauge, 1 $\frac{1}{4}$  inches between running rails.

No. 771—Curved track with bolts and plates	\$ .60
No. 772—Straight track, with bolts and plates	\$ .60
No. 772S—Insulated Straight track	\$1.00
No. 773—Fish Plate Outfit, 100 bolts, 100 nuts, 50 lock plates and wrench	\$1.25
No. 730—90-Degree Crossing. Similar to No. 720 but with solid rails	Price \$2.75
No. 731—Remote Control Switches. Similar to No. 711, but with solid rails	Price \$15.00
No. 731R—Right-hand Switch	Price \$7.75
No. 731L—Left-hand Switch	Price \$7.75



#### "OO" GAUGE 3-RAIL TRACK

Laminated 3-rail track is mounted on black Bakelite base containing moulded, closely-spaced tie plates. Exclusive section of curved track contains terminals for wire connections. No. 0051—Curved Track, 14 inches long. \$3.30  
No. 0052—Straight Track, 6 $\frac{1}{2}$  inches. \$3.30  
No. 0054—Curved Track with wire connection. Price \$3.65  
No. 0063— $\frac{1}{2}$  Curved Track, 3 $\frac{1}{2}$  in. \$3.35  
No. 0065— $\frac{1}{2}$  Straight Track, 3 $\frac{1}{2}$  in. \$3.35  
No. 0066— $\frac{3}{4}$  Straight Track. \$4.40



#### REMOTE CONTROL SWITCHES

Switch snaps to "close" automatically upon approach of a train if the dispatcher forgets to operate controls. Connected by three-foot cable to controller which has green and red lights corresponding to the color lights on the switch itself.  
No. 0072—Right and left. Pair \$10.00  
No. 0072L—Left-hand Switch. \$5.50  
No. 0072R—Right-hand Switch. \$5.50



#### "OO" GAUGE 3-RAIL CROSSING

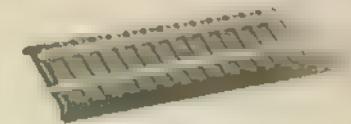
No. 0070—The length of the "OO" gauge crossing is equal to one section of straight track. 90-degree intersection. Price \$2.30

## STANDARD GAUGE TRACK

Eight sections of curved track form a circle 10 $\frac{1}{2}$  inches in diameter from center rail to center rail—43 $\frac{1}{2}$  inches to ends of ties. Gauge, 2 $\frac{1}{2}$  inches between running rails.

- C Curved Track, 15 $\frac{1}{2}$  inches long. Price \$3.35
- S Straight Track, 14 inches long. Price \$3.35
- $\frac{1}{2}$ C Half length, Curved Track. Price \$3.35
- $\frac{1}{2}$ S Half length, Straight Track. Price \$3.35
- SS Straight track with two insulated rails, with Lockon, wires and pins. Price \$7.75
- SCS Curved track with two insulated rails, with Lockon, wires and pins. Price \$7.75
- No. 25—Illuminated Bumper. Price \$2.50
- No. 26—90-Degree Crossover. 11 $\frac{1}{2}$  inches square. Price \$2.00
- No. 223—Pair Remote Control Switches. 15 $\frac{1}{2}$  inches long, 8 $\frac{1}{2}$  inches wide. Pair \$13.50
- No. 223R—Right-hand Switch. Price \$7.00
- No. 223L—Left-hand Switch. Price \$7.00
- No. 210—Manually Controlled Switches. Four, 11 $\frac{1}{2}$  inches long, 8 $\frac{1}{2}$  inches wide. Pair \$7.50
- No. 210R—Right-hand Switch. Price \$4.00
- No. 210L—Left-hand Switch. Price \$4.00

## NEW LIONEL 2-RAIL TRACK



New Lionel "OO" 2-rail track is the most realistic ever manufactured for quick assembly. Ties, tie plates and bolts are strictly true-to-scale. Ties are squared accurately for a heavy-duty main line. Rails are solid steel. "T" Rail top and base are accurately sealed than any on the market. The base is Bakelite and may be covered easily with realistic rock bases.

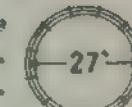
Track is joined by a powerful spring interlock of rails. Twelve sections of curved track form a circle with a diameter of 48 inches. 4 circles of track, including base, occupies a space of 30 by 50 inches.

- No. 0031—Curved Track, 13 inches long. Price \$3.50
- No. 0032—Straight Track, 12 inches long. Price \$3.50
- No. 0034—Connection Curved Track. Price \$6.50



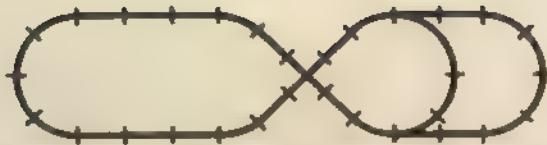
## Gauge Track Equipment

Twelve sections of "OO" gauge 3-rail track form a circle 27 inches in diameter from center rail to center rail. 2-rail curved track form a circle 48 inches in diameter. The track gauge is  $\frac{5}{8}$  of an inch between running rails.





**TRACK REQUIRED:** 4 sections of straight track, 12 sections of curved track, 1 90-degree crossing. **SPACE REQUIRED:** For "O-27" track, 12 by 12 inches. For "O" gauge, 30 by 70 inches. Standard gauge, 36 by 96 inches.



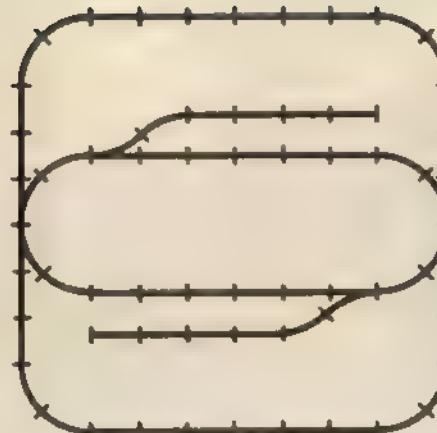
**TRACK REQUIRED:** 12 sections of straight track, 6 sections of curved track, 1 90-degree crossing. 1 pair of switches. **SPACE REQUIRED:** For "O-27" track, 12 by 12 inches. For "O" gauge, 30 by 70 inches. Standard gauge, 36 by 96 inches.



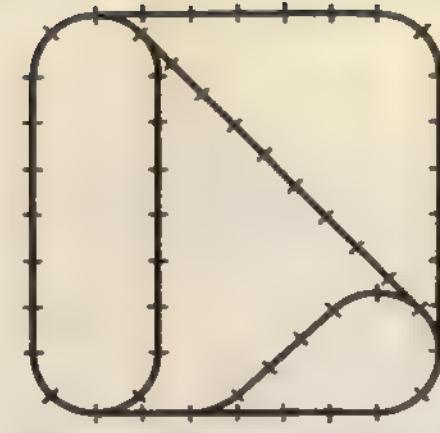
**TRACK REQUIRED:** 12 sections of straight track, 10 sections of curved track, 1 pair of switches. **SPACE REQUIRED:** For "O-27" track, 12 by 12 inches. For "O" gauge, 30 by 90 inches. For Standard gauge, 36 by 120 inches.



**TRACK REQUIRED:** 8 sections of straight track, 12 sections of curved track, 1 pair of switches. **SPACE REQUIRED:** For "O-27" track, 12 by 12 inches. For "O" gauge, 30 by 90 inches. For Standard gauge, 36 by 120 inches.



**TRACK REQUIRED:** 36 sections of straight track, 11 sections of curved track, 2 pair and 2 left-hand switches and 2 bumpers. **SPACE REQUIRED:** For "O-27" track, 30 by 90 inches. For "O" gauge, 90 by 90 inches. Standard gauge, 120 by 120 inches.



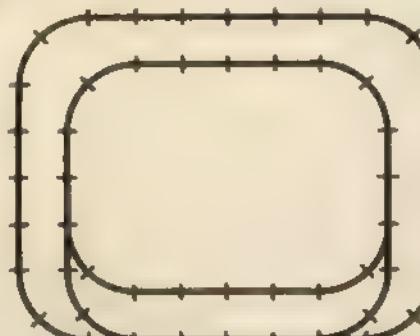
**TRACK REQUIRED:** 13 sections of straight track, 10 sections of curved track and 2 pair switches, 2 left-hand switches. **SPACE REQUIRED:** For "O-27" track, 35 by 90 inches. For "O" gauge tracks, 90 by 90 inches. For Standard gauge, 36 by 120 inches.



**TRACK:** 15 straight, 10 curved, 1 pair of switches. **SPACE:** For "O-27", 15 by 71 $\frac{1}{2}$  inches. "O", 30 by 87 inches. Standard, 36 by 121 inches.



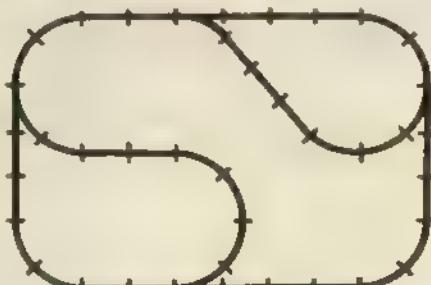
**TRACK:** 8 straight, 18 curved, 1 pair of switches, crossing. **SPACE:** For "O-27" track, 40 $\frac{1}{2}$  by 78 inches. "O", 30 by 87 inches. Standard, 36 by 121 inches.



**TRACK REQUIRED:** 30 straight, 16 curved and 2 pair of switches. **SPACE:** For "O-27", 62 by 90 inches. "O", 30 by 90 inches. Standard gauge, 90 by 127 inches.



**TRACK REQUIRED:** 26 sections of straight track, 10 sections of curved track and 3 pairs of switches. **SPACE REQUIRED:** For "O-27" gauge track, 62 by 89 $\frac{1}{2}$  inches. For "O" gauge track, 70 by 100 inches. For Standard gauge, 96 by 120 inches.



**TRACK:** 10 straight track, 14 curved track, 2 pair switches. **SPACE:** For "O-27", 53 $\frac{1}{2}$  by 80 $\frac{1}{2}$  inches. "O" gauge, 60 by 90 inches. Standard gauge, 85 by 127 inches.



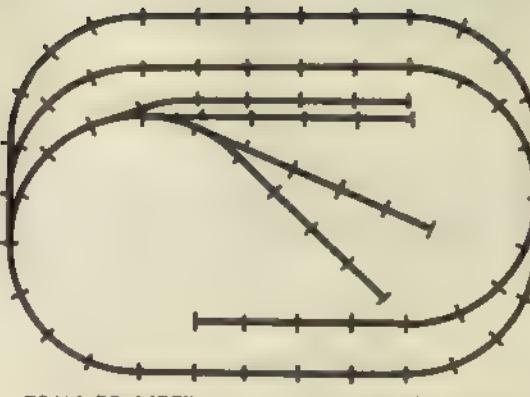
**TRACK:** 18 straight track, 11 curved track, 3 pair switches. **SPACE:** For "O-27", 53 $\frac{1}{2}$  by 80 $\frac{1}{2}$  inches. "O" gauge, 60 by 90 inches. Standard gauge, 85 by 127 inches.

## rack Layouts

The diagrams on these pages are suggestions merely to illustrate the principles involved in good model building. It's lots of fun to develop your own plan.



TRACK REQUIRED: 28 sections of straight track, 34 sections of curved track, 1 90-degree crossover, and 1 pair switches. SPACE REQUIRED: For "O-72" gauge only, 100 $\frac{1}{2}$  inches at widest point, 72 inches at narrowest point, 213 $\frac{1}{2}$  inches overall length.



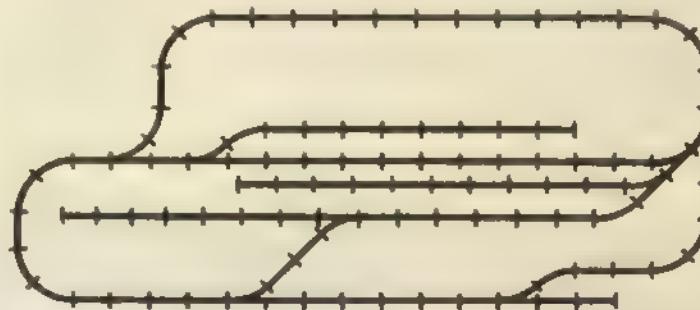
TRACK REQUIRED: 30 sections of straight track, 28 sections of curved track, 2 pair switches, 5 right-hand switches, 5 bumpers. SPACE REQUIRED: For "O-27" gauge only, 100 by 111 inches.



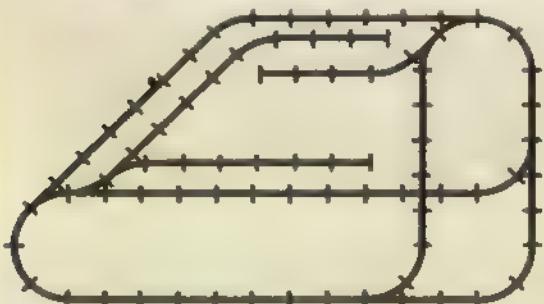
TRACK REQUIRED: 66 sections of straight track, 12 sections of curved track, 3 pair and 1 left-hand switch, 1 bumper. SPACE REQUIRED: For "O-27" gauge, 72 $\frac{1}{2}$  by 151 $\frac{1}{4}$  inches. For "O" gauge, 80 by 140 inches. For Standard gauge, 110 by 238 inches.



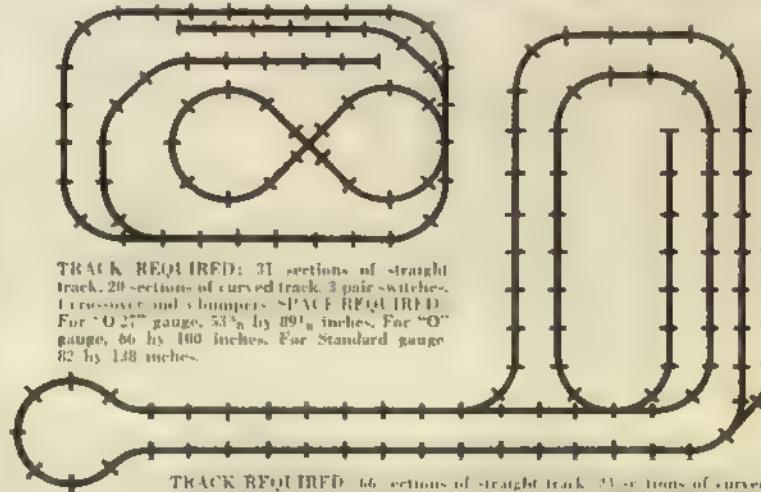
TRACK REQUIRED: 68 sections of straight track, 18 sections of curved track, 1 90-degree crossover, 5 right-hand switches, 3 left-hand switches, and 3 bumpers. SPACE REQUIRED: For "O-27" gauge, 89 by 121 $\frac{1}{2}$  inches. For "O" gauge, 100 by 140 inches. For Standard gauge, 138 by 208 inches.



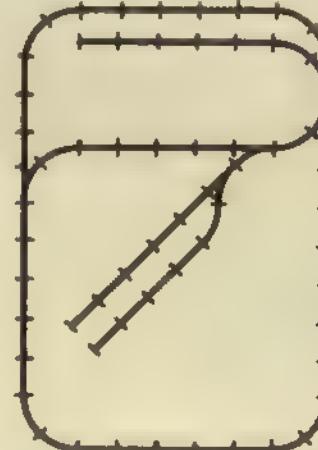
TRACK REQUIRED: 72 sections of straight track, 11 sections of curved track, 3 pair and 2 left-hand switches, 3 bumpers. SPACE REQUIRED: For "O-27" gauge, 70 $\frac{1}{2}$  by 151 $\frac{1}{4}$  inches. For "O" gauge, 90 by 170 inches. For Standard gauge, 127 by 238 inches.



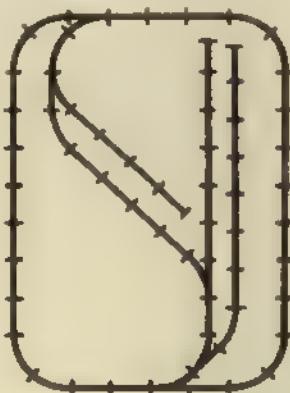
TRACK REQUIRED: 51 sections of straight track, 12 sections of curved track, 1 90-degree crossing, 2 pair switches, 2 left-hand switches, 2 bumpers. SPACE REQUIRED: For "O" gauge, 88 by 140 inches. For Standard gauge, 110 by 194 inches.



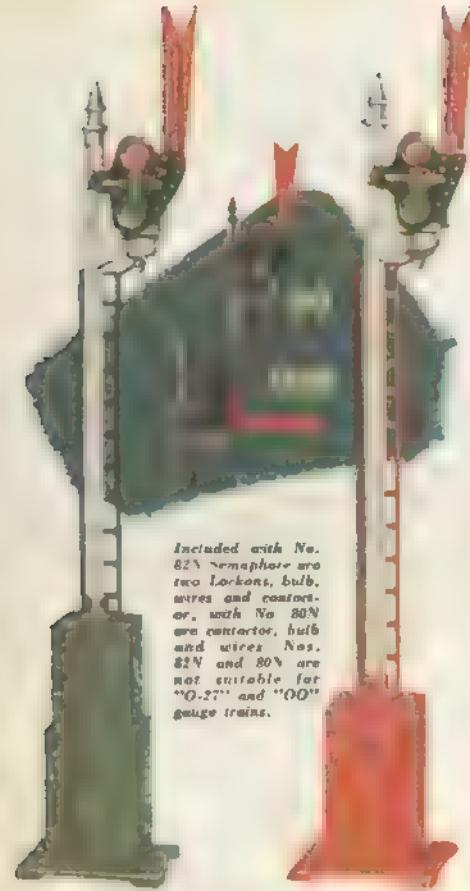
TRACK REQUIRED: 66 sections of straight track, 11 sections of curved track, 1 pair and 2 left-hand switches, 2 bumpers. SPACE REQUIRED: For "O-27" gauge, 111 by 182 $\frac{1}{2}$  inches. For "O" gauge, 125 by 205 inches. For Standard gauge, 172 by 281 inches.



TRACK REQUIRED: 40 straight, 12 curved, 2 pairs, and 1 left-hand switch, 3 bumpers. SPACE REQUIRED: For "O-27" gauge, 71 $\frac{1}{2}$  by 166 $\frac{1}{4}$  inches. For "O" gauge, 80 by 115 inches.



TRACK REQUIRED: 39 sections of straight track, 11 sections of curved track, 3 left-hand switches, 3 bumpers. SPACE REQUIRED: For "O-27" gauge, 70 $\frac{1}{2}$  by 151 $\frac{1}{4}$  inches. For "O" gauge, 80 by 140 inches.



Included with No. 82N are two Lockons, bulb, wires and contactor, with No. 80N are contactor, bulb and wires. Nos. 82N and 80N are not suitable for "O-27" and "OO" gauge trains.

#### No. 82N TRAIN CONTROL

When train approaches semaphore is down and red bull's-eye is illuminated. Train stops. After a short interval, arm rises, light changes and train proceeds. Action is automatic. 14½ inches high. Price \$6.75

#### No. 80N AUTOMATIC SIGNAL

As train approaches, semaphore arm rises and green bull's-eye is illuminated. When train has passed, arm drops and red bull's-eye is seen. Action is entirely automatic. Signal measures 13 inches high. Price \$4.25

## Automatic Signals

Only in Lionel equipment will you find the great variety of automatic semaphores, signals and crossing gates warning lights that are necessary to the colorful operation of a real model railroad.



## NEW, REALISTIC EQUIPMENT

Suitable for any gauge equipment except "OO" and Standard.

#### No. 152 AUTOMATIC CROSSING GATE

Double-arm street and sidewalk crossing gate. Attractively painted. As train approaches, red warning light on gate is illuminated and two arms of gate are lowered. When train has passed, light is extinguished and gate opens. Gate is 10 inches long. Included are a contactor and wires. Price \$2.50

#### No. 151 AUTOMATIC HIGHWAY SIGNAL

Danger! Railroad crossing ahead. As train approaches, this traffic signal flashes alternate red lights warning the motorist before he approaches the railroad crossing. Flashing ceases when train has passed. Contactors and wires are included. 9 inches high. Price \$2.00



STOP  
HALF SPEED  
GO

#### No. 79 FLASHING SIGNAL

Red lights flash on and off alternately. Action is continuous as long as power is applied. In base, a red light shines continuously. Bulbs and wires included. 11½ inches high. Price \$4.00

#### No. 99N TRAIN CONTROL

As train passes over accessory contactor, red light shines and train stops. After interval, green light shines and train proceeds. When last car leaves block, light changes to yellow. 11½ inches high. Contactors, bulbs and wires included. Price \$4.25



*Not suitable for "O-27" gauge equipment.*

## New, Automatic Block Control

No. 153—Controls locomotives automatically so that two trains never run at same time on same track. Without the possibility of an accident. When first train enters safety block, signal flashes red, slow or halts train that follows. Suitable for any gauge except "OO", 9 inches high. Included are contactors, Lockons, bulb and wires. Price \$3.95





**Illuminated panel board furnished with the No. 460N Signal Bridge** has four additional knife switches which may be wired for turning on and off the lights in other illuminated accessories.

**No. 460N LIGHT-POSITION SIGNAL BRIDGE**  
For use with any style of track except "OO" gauge. Three lights are illuminated in each signal head at a single time. "Proceed" is indicated by vertical lights; "Stop" by horizontal lights. The position of the light actually controls the passage of trains; stopping and starting them or allowing them to proceed without interruption. Signals are for use on either single or double track. Each signal is operated independently from a remote control, illuminated panel board (as illustrated at left) that is included. Position of lights can be reversed to face in either direction. Add several of these signal bridges to your layout and double the thrills and excitement of your model railroad system. Complete with four Lucknow, 20 $\frac{1}{2}$  inches wide, 14 $\frac{1}{4}$  inches high. Price \$11.50

#### No. 83 TRAFFIC SIGNAL

The red light in this miniature traffic signal flashes on and off continuously. There are many appropriate spots for it in any model layout. Such signals are frequently found at street crossings and in big city boulevard systems. Signal is die-cast enameled and measures 6 $\frac{1}{4}$  inches high. Price \$3.25



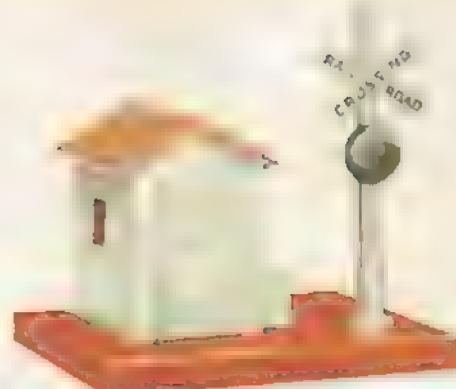
#### No. 87 CROSSING WARNING

An accurately detailed model of warning signals used at the intersection of highways and track. Bull's-eye is illuminated at intervals of about one second. Blinker action is continuous as long as electric current is applied. Die-cast construction, attractively enameled. Signal is 6 $\frac{1}{4}$  inches high. Price \$3.25



#### No. 47 AUTOMATIC ILLUMINATED DOUBLE-ARM CROSSING GATE

True to scale and amazingly life-like in action. For any track except "OO" gauge. As train approaches, warning lanterns are illuminated. When train has passed, gate rises and lights are extinguished. Made of steel and enameled. Base is 16 $\frac{1}{2}$  by 7 $\frac{1}{2}$  inches. Complete with necessary wires and contactor. Price \$1.85



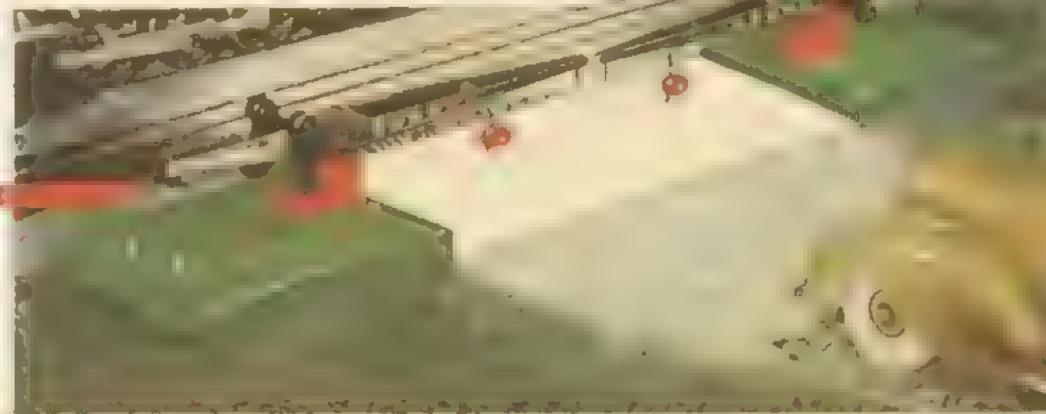
**No. 76 WARNING BELL AND SHACK**  
For any track except "OO" gauge. When train draws near, bell on post tolls a warning. As last car passes, the bell stops ringing. Signal, shack and base are made of heavy steel, attractively enameled. Complete with contactor and wires. Price \$3.75



**No. 46 AUTOMATIC, ILLUMINATED CROSSING GATE**  
For any style of track except "OO". As train comes, gate is lowered automatically and red warning lantern is illuminated. When train has passed, gate rises and lantern is extinguished. Long arm measures 6 inches. Complete with contactor and wires. Price \$3.00



**No. 1645 OPERATING WATCHMAN**  
An ingenious, electrically operated accessory. For any track except "OO", solid rail and standard gauge. 7 inches high. Price \$3.00





**No. 98 ELEVATED  
COAL STORAGE BUNKER**

*With Electrically Operated Car-Loading Chute*

A simplified coal storage bunker for remote control car-loading. Coal is poured by hand into funnel at top of loft. At touch of a remote control button, the chute gate on inside of loft is opened so that coal pours down through chute into waiting car. With each elevator a quantity of artificial coal is included. Height 12 inches. Price \$3.95



## coal Elevators

Make your model railroad perform a real railroad function. Set aside one section of your track layout for a retail coal yard. Run several track sidings into the yard and, between two of them, install one of these elevators for automatically loading and unloading cars.



**No. 97 ELECTRIC  
COAL ELEVATOR  
With Motor-Driven Conveyor**

This is the Lionel accessory which loads model freight cars by remote control. Artificial coal dumped into well in base of this structure is scooped up by a series of buckets travelling on an endless chain. Chain conveyor lifts buckets to top of bunker where they dump their contents into loft. Remote controls that are provided contain a button and a knob. Knob controls the electric motor which operates endless chain. Button is used to open and close the chute gate on the inside of loft. With each elevator a quantity of artificial coal is included. Height 12 inches. Price \$7.50

*With Hand-Operated Bucket Conveyor*

**No. 96**—Similar to No. 97, but with endless-chain buckets operated by means of hand crank. The chute gate in loft however is opened and shut electrically by remote control. Price \$5.00

**No. 206  
ARTIFICIAL COAL**

With each coal elevator or electric dump car, a sack of artificial coal is included. Not only does this coal ~~smell~~ like real anthracite, but it is ~~dustless~~. Each package contains approximately  $\frac{1}{2}$  lb.

Extra sack, \$2.50



**No. 188 "O" GAUGE ELEVATOR, CAR AND TRACK SET**

Outfit contains the No. 97 remote control coal elevator which is operated by a built-in electric motor. Also included in outfit is one No. 3659 electric, tilting dump car with remote control couplers, one section of RCS special control track, one No. 160 unloading bin and two sacks of artificial coal. A gift which would delight the heart of any boy owning an electric train.

Price \$12.75

MADE IN U.S.A.  
BY THE LIONEL CO.  
NEW YORK CITY

No. 164—New this year and one of the most exciting accessories ever received, this electrically operated Log Loader will make your miniature railroad hum with activity. Especially appropriate for use with electrically operated lumber cars. Lumber cars unload logs into trough on one side. Hooks on revolving, endless chain, carry logs up to elevated loading platform. Lumber cars may be drawn up along the other side of Log Loader. Then, by remote control, cars may be loaded with logs, as illustrated above. 9" high, 11½" wide, 10¾" long. A supply of logs is included. Price \$8.75



Remote controls that are furnished consist of a knob to operate the revolving chain and a button. Pressing the button releases guards holding logs on slanted platform, causing them to roll down into waiting car.

## Log Loading

Used between two track sidings, this Log Loader will provide a continuous cycle of activity, receiving logs from cars on one side, raising them on a motor-driven conveyor to the elevated platform and then loading the logs into empty cars on the other side.



Suitable for use with either  
"O" or "OO" gauge trains



## COMPLETE LOG LOADING OUTFIT

No. 186. In this one package are all of the units essential for the addition of a lumber center to your model railroad system. Suitable for use with any "O" gauge train having 2600 or 3000 series cars. Outfit includes No. 164 Log Loader described above, No. 3651 Electrically Operated Lumber Car with electro-magnetic coupler, one section of R-S track, unloading bin and a load of logs. Price \$12.25

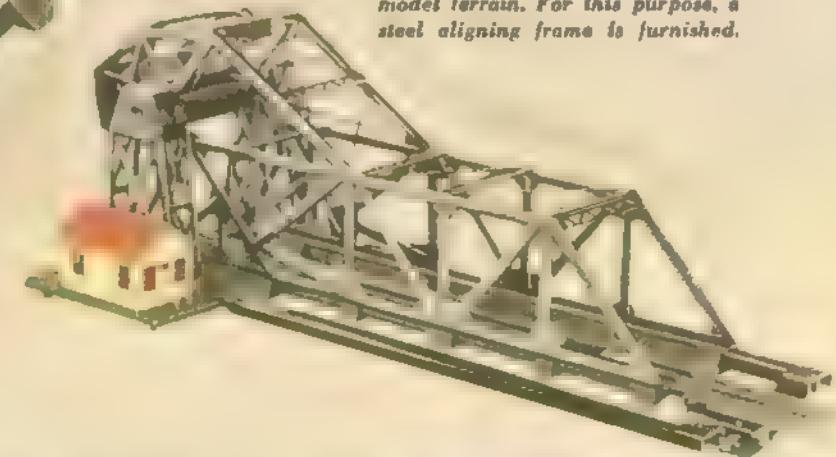
PRESS THE BUTTON  
AN' UP SHE GOES



## bridges

Every type of railroad bridge is here for your selection. Small bridges. Big bridges. Electrically operated bridges. Use many of them on your model pike.

Bascule Bridge can be used on an even floor level without the need of grade approaches—or can be used actually to span a gulf or chasm in model terrain. For this purpose, a steel aligning frame is furnished.

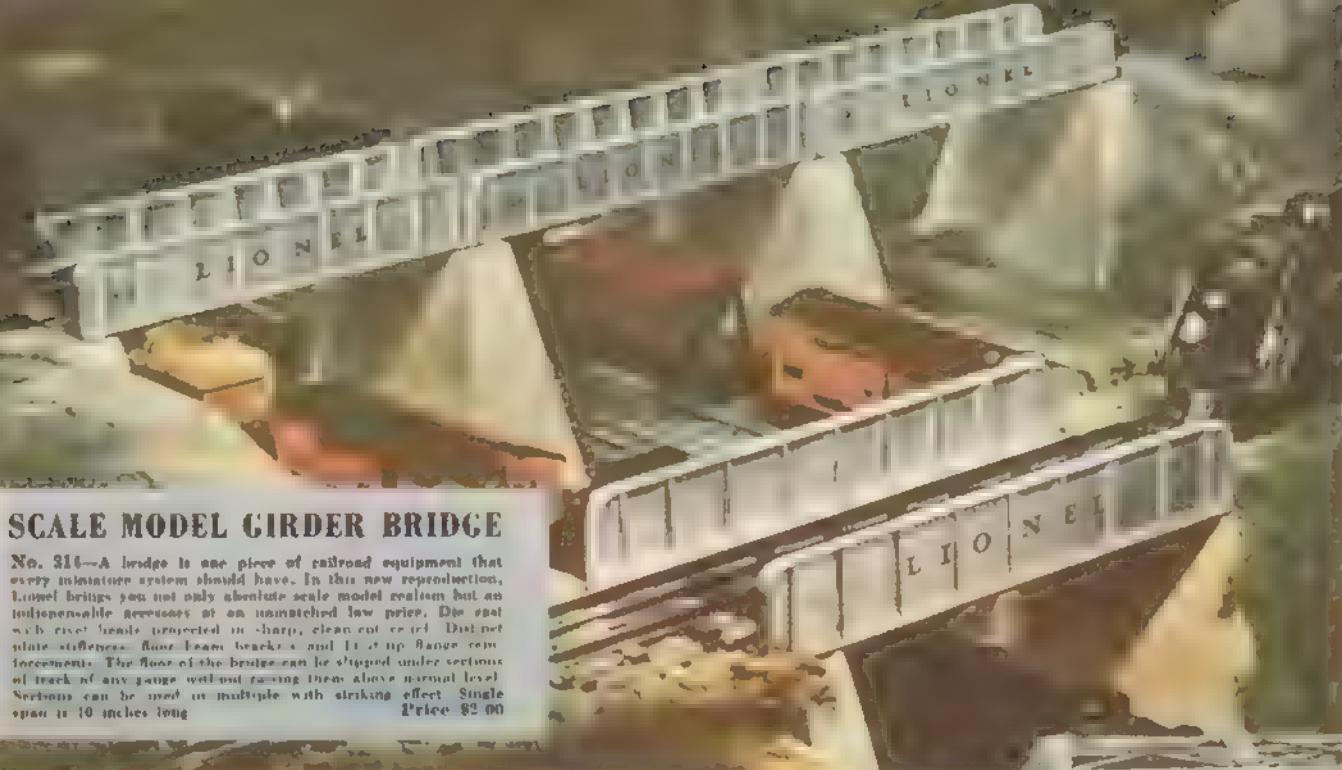


### NEW, ELECTRICALLY OPERATED BASCULE BRIDGE

*Opens at Touch of Button — Automatically Stops Train*

A thousand boys begged us to build it—a bridge that would open and close by remote control! This new Lionel scale-proportioned creation does that and more: If a train approaches opened bridge from either direction, automatically it is brought to a halt until bridge closes, then automatically started again. Constructed of heavy gauge steel with deeply embossed rivets, plates and other structural details. Illuminated by a red beacon light. Bridge is adjustable so that it can be used with "O" gauge or "O-27" tubular track. Operating motor is enclosed in enameled bridge tender's shack. 21½ inches long, 9¼ inches high when closed. No. 313.

Price \$10.75



### SCALE MODEL GIRDER BRIDGE

No. 314—A bridge is one piece of railroad equipment that every miniature system should have. In this new reproduction, Lionel brings you not only authentic scale model realism but an indispensible accessory at an unmatched low price. Die cast with rivet heads projected in sharp, clear cut relief. Distinct plate stiffness. Base beam tracks 1 and 11 atop flange reinforcement. The floor of the bridge can be stepped under sections of track of any gauge without raising them above normal level. Sections can be used in multiple with striking effect. Single span is 10 inches long.

Price \$2.00



### No. 300 "HELL GATE" BRIDGE FOR "O" GAUGE or STANDARD GAUGE ROADS

In New York City is a famous bridge that spans the East River. It has imposing archways, a majestic superstructure and is called "Hell Gate Bridge". Lionel No. 300 is an accurate, all-steel reproduction. The archways at each end are embossed and enameled to represent timbers. There are four downways for pedestrians and two sidewalk elevations. Trains pass through bridge at regular track level. 30 $\frac{1}{4}$  inches long, 11 inches high, 10 $\frac{1}{2}$  inches wide.

Price \$16.50



### No. 280 SINGLE-SPAN STANDARD GAUGE BRIDGE

Built of steel to represent modern heavy girder construction. On each side of the right-of-way are portals and walk for pedestrians. Richly enameled by Lionel's exclusive process. Complete with track. 14" long. Price \$2.75

No. 281—Consists of two spans of No. 280 bridge. Complete with track. 28 inches long.

Price \$5.50

No. 282—Consists of three spans of No. 280 bridge. Complete with track. 42 inches long.

Price \$8.25

### No. 270 SINGLE-SPAN "O" GAUGE BRIDGE

Bridges of this type are used on the rights-of-way of nearly all real railroads. The Lionel model is made of heavy steel, deeply embossed and enameled. Complete with one section of track. 10 inches long.

Price \$2.00

No. 271—Consists of two spans of No. 270 bridge. Complete with track. 20 inches long.

Price \$4.00

No. 272—Consists of three spans of No. 270 bridge. Complete with track. 30 inches long.

Price \$6.00



### NEW, ILLUMINATED TRESTLE

No. 315—Large, new and impressive rolled steel railroad trestle bridge with built-in aerial landmarking beacon light. Can be used with trains of any gauge or style. Track sections rest on floor of bridge without being raised above their normal level. Gussied girder steel members are deeply embossed with accurately placed rivet heads. Bridge is 24 $\frac{1}{2}$  inches long.

Price \$2.50



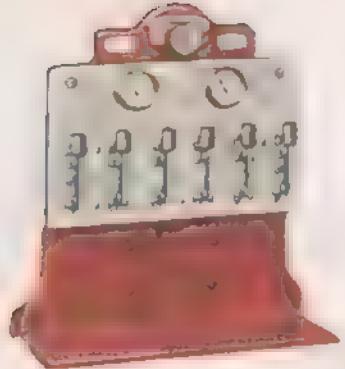
### No. 43 MOTORBOAT

A Hundred Feet A Minute! That's the speed of this dashing Lionel Craft. But speed is not all you get, for these racers in calm water will actually steer themselves—will run out in a straight line for a hundred feet, then turn about automatically and go back toward the operator. Or rudder can be locked so boat races ahead continually. Powered by 9-foot spring motor. 17 inches long, equipped with a boat cradle stand.

Price \$4.50



On any extensive layout several bridges can be used with tailing effect. From this large Lionel assortment, select several types for use on your model railroad.



**No. 439 PANEL BOARD**

Provides for compact arrangement of make-and-break contacts, always found useful in connection with illuminated accessories. Electric bulb illuminated dummy meters. Six knife switches mounted on composition panel.  $8\frac{1}{4}$  inches high,  $7\frac{1}{4}$  inches wide.

Price \$3.75



### NEW, SCALE MODEL SIGNS

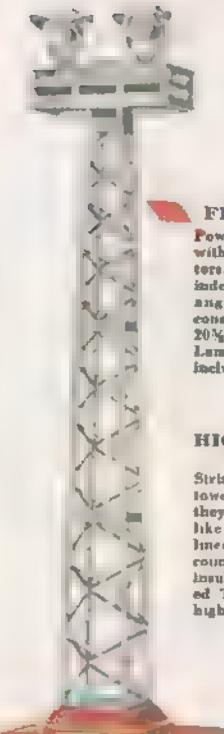
No. 305—Set consists of five of the most common signs found on real railroad rights-of-way: whiteline and yard-limit posts, trespassing sign and two different crossing warnings. Accurately scaled down for "O" gauge trains. Made of steel, enameled white with black lettering. Each signal is provided with substantial base. On elaborate model systems these bases may be covered with ballast or earth for greater realism. Price, set of five, \$1.50



**No. 153 ILLUMINATED FREIGHT SHED**

Platform has ample space for accommodating trucks described below. Illuminated by two lamps under roof. Made of steel and enameled. 18 inches long, 13 inches high,  $8\frac{1}{4}$  inches wide.

Price \$7.50

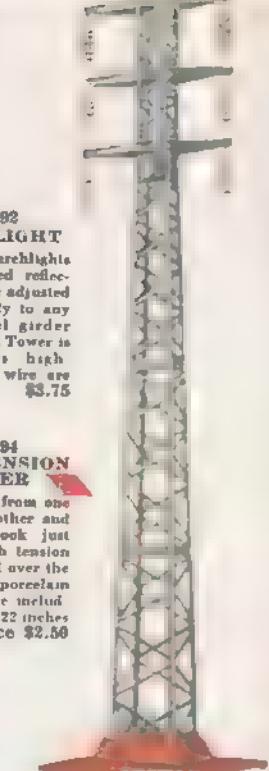


**No. 82  
FLOODLIGHT**

Powerful searchlights with polished reflectors. May be adjusted independently to any angle. Steel girder construction. Tower is  $20\frac{1}{4}$  inches high. Lamps and wire are included. Price \$7.75

**No. 94  
HIGH TENSION  
TOWER**

String wires from one tower to another and they will look just like the high tension lines seen all over the country. Six porcelain insulators are included. Tower is 22 inches high. Price \$2.50



**No. 85—TELEGRAPH  
POST** for Standard  
gauge. Similar to No.  
060 illustrated below.  
Bracket attached for  
connecting post to track.  
9 $\frac{1}{2}$  high. Price \$6.65  
No. 86—Set of six  
Telegraph Posts. \$3.75



**No. 060 "O" GAUGE  
TELEGRAPH POST**

Bracket for attaching to track.  
 $6\frac{1}{2}$  inches high. Price \$5.50  
No. 071—Set of six No. 060  
Posts. Price \$2.25



**No. 86  
CROSSING  
SIGN**

Etched aluminum  
crossarms are  
mounted on steel  
girder post.  $6\frac{1}{2}$   
inches high.  
Price \$4.00



**No. 206 TOOL SET**

Miniature pick, shovel, axe, rake, hoe, sledge in Neal,  
enameled metal chest. \$3.75



**No. 163 FREIGHT SET**

Consists of two hand trucks, dump truck and baggage  
truck with wide, die cast wheels. Suitable for use on freight  
platform illustrated above. Price \$2.75



**No. 209—4 Wooden Barrels.  
2 $\frac{1}{4}$  inches high. Price \$1.50**

**No. 0209—Six barrels, 1 $\frac{1}{2}$   
inches high. Price \$3.50**

# Yard Equipment

All the real, big business of railroading takes place in the railroad yards. Equip yours well with these accessories and be ready for heavy-duty service.

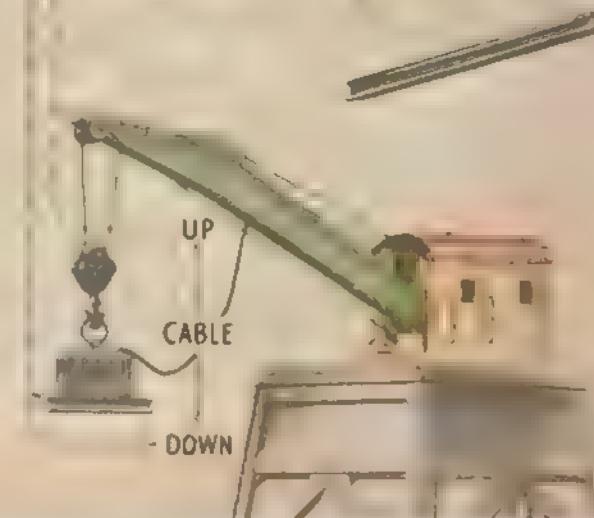
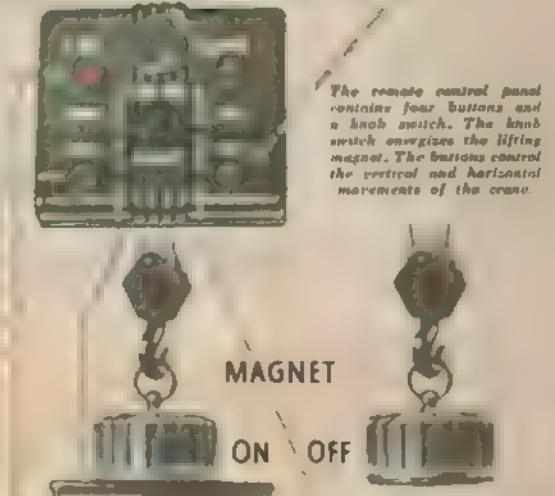


No. 165—Totally unlike any other train accessory ever made, this new Lionel model will perform all of the operations of a real crane at the touch of a button. An ingenious remote control motor operates a winch to raise or lower the block and tackle. This same motor by another action revolves the derrick in a complete circle, in either direction. Boom may be raised or lowered by means of a wheel at rear of cab. A light in cab indicates when magnet is energized. Crane has elaborate superstructure mounted on a base measuring 6 by 6½ inches. Total height of crane is 10 inches. Bag of steel scrap and receiving bin are included.

Price \$7.95

## Triple-Action Magnetic Crane

Look at the remote control panel board that is used to manipulate this massive, multiple-action electric crane. Enough thrills, excitement and action there alone to keep any model railroader on the tip of his toes — loading and unloading cars by magnetic action.



### No. 138 ILLUMINATED STATION AND TERRACE

Terrace and building are made of steel, embossed to represent dimensions. Terrace contains flower beds, grass plots and flagstaff, is illuminated by six lamp posts on railings, measures 31½ inches long, 10½ inches wide. Station is equipped with automatic train stopper, has eight swinging doors, panelled windows, gabled skylight, interior illumination and two lights at doorway. Lockons, fiber pins and wires are included. Station is 13¾ inches long, 9½ inches wide and 8½ inches high. Price \$22.00

No. 139 Terrace only, as described above. Price \$11.00



### TRAIN-STOPPER

#### OPERATES AUTOMATICALLY

An ingenious device in Lionel Stations stops trains in front of stations, detains them an instant, then starts them — automatically.



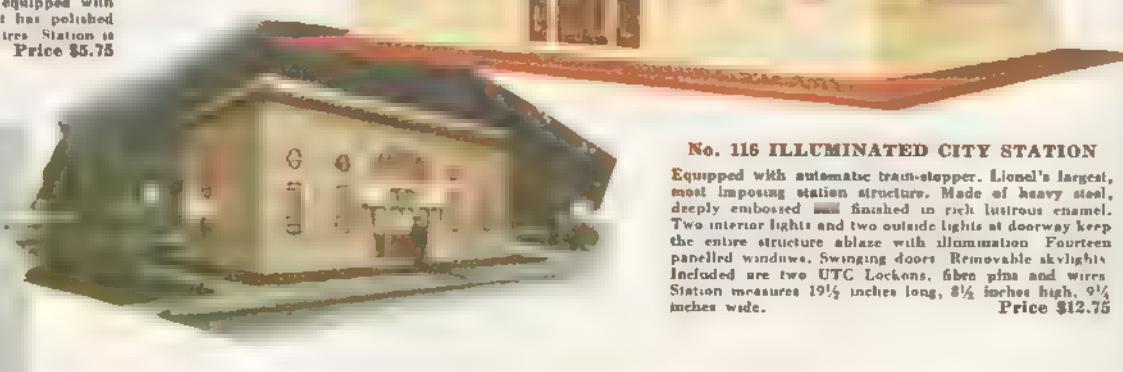
### No. 134 ILLUMINATED STATION

Equipped with automatic train-stopper. Hinged doors. Frosted lamps. Included are Lockons and wires. 5½ inches wide, 14 inches long, 10½ inches high. Price \$7.75



### No. 136 ILLUMINATED STATION

Beautiful town or suburban station, equipped with automatic train-stopper. Interior light has polished reflector. Included are Lockons and wires. Station is 10½ inches wide, 7½ inches high. Price \$5.75



### No. 137 ILLUMINATED STATION

Made of steel with many accurately reproduced details. Equipped with automatic train stopper. Instant windows, removable roof. Included are two UTC Lockons, fiber pins and wires. 8½ inches long, 4¾ inches wide, 5 inches high. Price \$3.75



## Passenger Stations

Every miniature railroad with a passenger car ought to have at least two passenger stations — one for each end of the run. On these pages are many realistic, all-steel models to choose from.

### No. 116 ILLUMINATED CITY STATION

Equipped with automatic train-stopper. Lionel's largest, most imposing station structure. Made of heavy steel, deeply embossed and finished in rich lustrous enamel. Two interior lights and two outside lights at doorway keep the entire structure ablaze with illumination. Fourteen panelled windows. Swinging doors. Removable skylights. Included are two UTC Lockons, fiber pins and wires. Station measures 19½ inches long, 8½ inches high, 9½ inches wide. Price \$12.75



#### No. 115 ILLUMINATED STATION

Deep embossings simulate stone construction. Equipped with automatic train-stopper. Interior illumination. Doorway lights. Swinging doors. Removable skylight. Locks and wires included. 13½ inches long, 9½ inches wide, 8½ inches high.  
Price \$8.75

No. 117—Similar to No. 115 but without outside lighting brackets.  
Price \$7.50



#### No. 156 ILLUMINATED STATION PLATFORM

A new beautifully designed accessory for intermediate station stops. Fence, dividing platform from end to end, is embellished by four billboards in bright colors, as illustrated below. Illuminated by two lamps under roof. 12 inches long, 5½ inches high, 3½ inches wide.  
Price \$2.00

#### No. 158 STATION-PLATFORM SET

Set of two No. 156 Station Platforms and one No. 136 Station. Price \$9.75



#### No. 438 ILLUMINATED SIGNAL TOWER

Made of heavy steel. Girders elevation is embossed with many rivets. Nickelized ladder. Removable roof gives access to ceiling lamp. Equipped with two knife switches for operating accessories. 11¾ inches high.  
Price \$4.75

#### No. 810 INDUSTRIAL POWER STATION

Masterpiece of Model Building. Inset doors and windows. Superstructure can be lifted off platform so that small transformers can be fitted into hollows. Panel board on one side of building contains six knife switches. 26 inches long, 21½ inches wide, 18 inches high.  
Price \$17.50



# P ower Houses *and Signal Towers*

Most elaborate of all Lionel accessories, is the large, highly detailed, all steel power house with its many paneled windows illustrated above; a fit companion to the illuminated signal tower in the foreground.



**No. 442  
ILLUMINATED, LANDSCAPED DINER**  
An interesting addition to the railroad layout. Interior illumination. Landscaped base. Measures 10½ inches wide and 3 inches high.  
Price \$2.50



**No. 910 GROVE OF TREES**  
Modeled by a scenic artist. Every grove contains a variety of trees. Base is covered with imitation grass. Base measures 16 inches long, 8½ inches deep.  
Price \$2.50

**No. 911 ILLUMINATED,  
LANDSCAPED ESTATE**  
A palatial home, built of steel, reinforced by inset windows and finished in colorful enamel. House is 7½ inches long, 5½ inches high. Roof is removable. Base is similar to that shown with No. 912, at right.  
Price \$4.75



**No. 927 ORNAMENTAL  
FLAG PLOT**  
Flag is made of silk and fitted with cord so that flag may be raised or lowered. 14½ inches high.  
Price \$3.75



**No. 912, ILLUMINATED  
LANDSCAPED HOME**

Built of steel and enameled in bright colors. Numerous inserted window frames add realism and strength. Roof is removable. House, erected on an ornamental base, is 5½ inches long, 4½ inches wide, 5½ inches high. Base is 16 inches long.  
Price \$4.75



**No. 98  
FLAGSTAFF  
AND FLAG**  
Decorated circular base. Silk flag may be raised or lowered. 14½ inches high.  
Price \$1.25



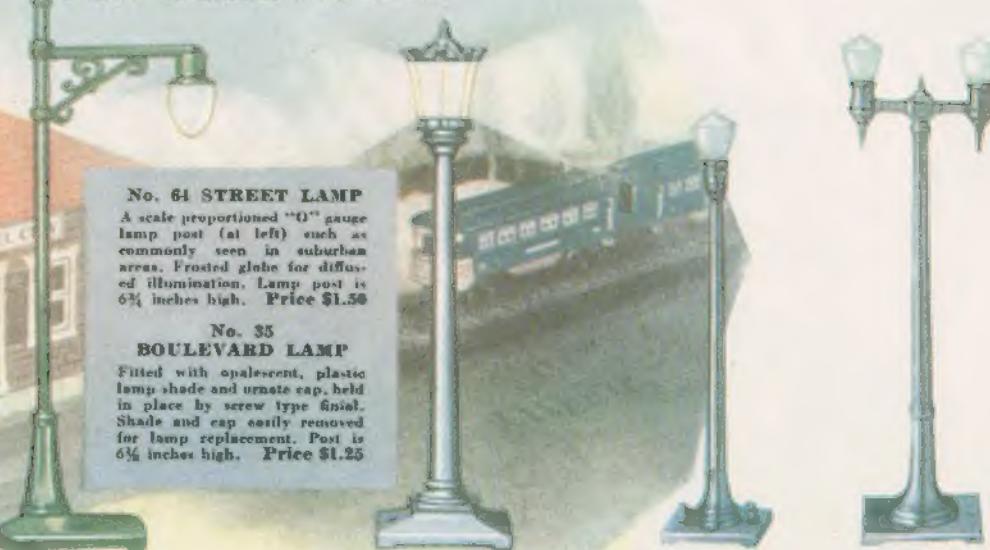
**No. 53  
LAMP POST**  
Stately and modern in design. Enamored white. Special globe casts opal light. 8½ inches high.  
Price \$1.75

**No. 57  
LAMP POST**  
A boulevard lamp which illuminates the names of streets on all four sides. 7½ inches high.  
Price \$1.75

## Houses and Lamps

On this page are the makings of a model city, three illuminated, all-steel scale detailed houses, a whole grove of miniature trees, a park flag surrounded by hedge, even artificial grass and boulevard lamps.

## NEW SCALE MODELS



### No. 61 STREET LAMP

A scale proportioned "O" gauge lamp post (at left) such as commonly seen in suburban areas. Frosted globe for diffused illumination. Lamp post is 6½ inches high. Price \$1.50

### No. 35 BOULEVARD LAMP

Fitted with opalescent, plastic lamp shade and ornate cap, held in place by screw type fitter. Shade and cap easily removed for lamp replacement. Post is 6½ inches high. Price \$1.25

### No. 52 LAMP POST

Handsome lamp standard with brilliant metallic finish. Opal globe is shaped to cast light over a wide area. 10½" high. Price \$2.75

### No. 63 LAMP POST

Copied from designs used in recent public developments. Die cast. Beautiful metallic finish. Globes included. 13 inches high. Price \$2.75



### No. 56 LAMP POST

A copy of lamps commonly used for parkway illumination. Base is enameled. Top is removable. Equipped with bulb. 7½ inches high. Price \$1.75

### No. 58 LAMP POST

A graceful design similar to the posts used in most big cities. Baked enamel ivory finish. Equipped with globe. 7½ inches high. Price \$1.50

## CHART OF REPLACEMENT LAMPS

LAMP NO.	DESCRIPTION	PRICE	FOR USE WITH THE FOLLOWING EQUIPMENT
27-3	12V Clear	.25	Catalog Numbers: 12, 27, 164, 284, 234, 229, 249, 259, 261, 263, 439, 442, 448C, 600, 601, 642, 620, 629, 1111, 1661, 1665, 1668, 1669, 1665X, 1667X, 1669, 2600, 2601, 2602, 2839, 2848, 2641, 2829.
27-6	12V Green	.20	9072 Controller.
38-1	18V Clear	.25	26, 57, 80N, 82N, 92, 99N, 128N, 184, 190, 191, 198, 223, 226, 236, 261, 437, 438, 648N, 812, 614, 615, 721, 734, 742, 743, 746, 911, 912, 913, 2613, 2614, 2615, all standard locomotives and cars.
28-6	18V Red	.20	922C, 625, 25, 72N, 91, 128L, 226, 283, 381, 393, 480, 713C, 183L.
29-5	18V Yellow	.20	99N.
65-23	12V Clear	.40	61.
39-3	12V Frosted	.10	55, 56.
40-3	18V Frosted	.20	113, 116, 117, 129, 136, 138, 137, 133.
47-40	18V Red	.50	46, 47.
65-31	18V Opal	.20	52, 53, 61.
0022-70	12V Yellow	.20	9072.
29-25	12V Red	.20	79, 9072 Controller, 1022.
152-33	12V Red	.25	132.
153-21	6-8V Red	.25	133.
153-24	6-8V Green	.25	133.
154-16	12V Red	.20	134.
156-15	18V Clear	.25	136.
163-32	18V Red	.20	163.
215-20	12V Clear	.25	313.
100-45	18V Green	.20	922A, 711C.
410-13	12V Clear	.20	801, 802, 803, 804, 35, 45N, 291, 205, 220, 210, 211, 212, 233, 616, 618W, 636W, 701, 701T, 1662, 1663, 2203T, 2203B, 2227T, 2228B, 2238T, 2236H, 2233H, 2233B, 2231B, 2231T.
717-34	18V Clear	.25	717, 717K, 2857, 318.
712-9	18V Clear	.20	822, 842, 860, 860K, 711, 721, 731, 752W, 763.
Q-99	6-8V Clear	.20	Q. R. V. Z.



### No. 916 CURVED TUNNEL

For all "O" outfit except No. 293W and "O-72" series. Strong felt composition. 29" long, 12" high, 24" wide. Portals, 1½" wide, 5½" high. Price \$6.00

No. 923—Similar to No. 916. For any "O" gauge outfit except the "O-72" series. 40½" long, 11½" high, 23" wide. Portals, 2½" wide, 10½" high. Price \$9.50

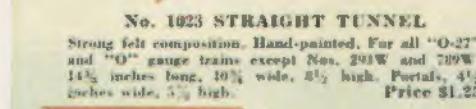
No. 924—Similar to No. 916, but for "O-72" trains. 30½" long, 21½" wide, 12½" high. Portals are 4½" wide, 5½" high. Price \$4.50



### No. 123 CURVED TUNNEL

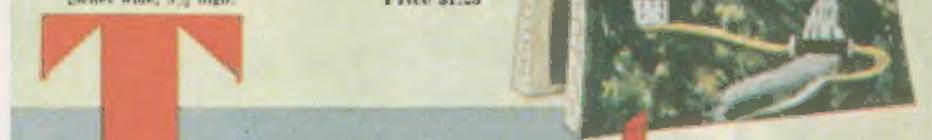
For all "O" gauge outfit except No. 293W and the "O-72" series. Strong felt composition. 18½" inches long, 16½" wide, 9 high. Portals, 4½" inches wide, 3½" high. Price \$3.75

No. 1022—Similar to No. 123, but without house and trees. Price \$2.50



### No. 1023 STRAIGHT TUNNEL

Strong felt composition. Hand-painted. For all "O-27" and "O" gauge trains except Nos. 291W and 299W. 14½" inches long, 10½" wide, 5½" high. Portals, 4½" inches wide, 3½" high. Price \$1.25



### No. 120L ILLUMINATED TUNNEL

Constructed of steel. For use with trains of any gauge. 17 inches long, 11½" inches wide, 9½" inches high. Portals, 8 by 6½" inches. Price \$6.00

No. 119—Similar to No. 120L, but smaller and without illumination. 12 inches long, 9½" inches wide, 8½" inches high. Portals, 6½" inches by 5 inches. Price \$3.75

## Tunnels

Lionel's all-steel and felt-composition tunnels, have been designed for utmost realism by a talented scenic artist.

# 40 YEARS of Leadership!

FIRST IN 1900! FOREMOST IN 1940!

Lionel introduced the electric train to Young America nearly forty years ago. It revolutionized play. It ran rings around everything in the field of fun. From that day to this, Lionel ingenuity, Lionel inventiveness, Lionel engineering and Lionel "know-how" have continued to produce—with new ideas and new features—the finest, most accurate, most enduring trains in the world. So follow the leader. Insist on Lionel for a clear track to happy days ahead.



I'M THE  
GRAND-DADDY  
OF THEM ALL

[www.frontier-trading.com](http://www.frontier-trading.com)

